" Theme 3 "

Lesson 1: Explorer In Action

Peg Keiner

1. from Chicago in the United States (USA) .
2. She is a National Geographic Explorer
3. She is also the Director of Innovation at *a school in Chicago*.
4. She is a Global Goals Ambassador for the United Nations.





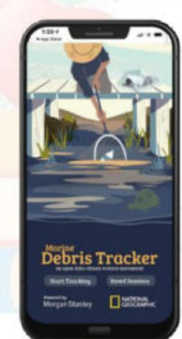




☞ Peg Keiner found a lot of litter from COVID PPE (Personal Protective Equipment) such as facemasks and disposable gloves.

☞ Ms. Keiner decided to spread awareness of the dangers of litter.

1. Ms. Keiner took a photo of the litter and recorded where she found it.
2. She used an app called **the Debris Tracker.**
3. she described the kind of litter (paper, plastic, etc.).
4. she uploaded the location and the description of the items .



📖 **The Debris Tracker:** It is a free app, can be download on mobile.

📖 **The Debris Tracker:** It records the location with GPS.

Ms. Keiner wasn't collecting litter data alone.

☞ She educates third- through fifth-grade students on the impact of litter(including PPE) on the environment.

☞ She teaches them to use **the Debris Tracker**, and they collect data on litter and analyze them.

- **Ms. Keiner** used the hashtag **#trackingppe** on Twitter and Instagram.
- **Ms. Keiner** piloted **social media campaigns**

The data uploaded by Ms. Keiner and her colleagues & followers are:

1. GPS map locations 2. infographics: showing the kinds of debris.

- Data was analyzed, and the results were used by researchers .

Social responsibility is the basis on which *the Egyptian Ministry of Environment* started "Go Green" initiative in 2019.

- Go Green is part of the Strategy, "Egypt 2030."
- It covers 36 environmental issues.
- 

1. spreads awareness of environmental issues.
2. emphasizes each citizen's role in protecting the environment and natural resources.

Lesson 2: Digital citizenship and social responsibility





1. privacy
2. protection from piracy
3. ability to engage with others online
4. provide and access information online
5. ability to use the internet any time.



1. respect others' privacy



3. exhibit positive behavior with others
4. ensure safe sharing online.



Social responsibility



- You too can use the **internet** to:

1. help others via **social media**
2. contribute in social activities that help solve social issues (like improving health care, fighting pollution and the factors affecting climate change ...).





Remember

- Express your opinions in a **positive way** and respect others opinions.
- Be sure information sources are **accurate** and **easy to understand**.
- Don't spread **false** information.
- Make sure the information you share and its purpose are clear.
- Being socially responsible means being mindful of the websites you use.

If a site is spreading **false** or **harmful** information, **stop visiting that site**



Corporate social responsibility

Companies also use the internet to help others by:

1. addressing environmental concerns
2. supporting important causes.

- This is called **corporate social responsibility (CSR).**

Today, many companies include **CSR tasks** as part of their **business plans.**

- to provide help to communities around the world.

Lesson 3: Online communication



If you're communicating with a teacher or a person of authority:

1. be polite and respectful
2. Avoid making jokes. ✗
3. Use titles, ex. Mr., Mrs., or Dr.

If you haven't met the person you're writing to yet:

1. introduce yourself.
2. Be clear about your message .
3. State your reason for sending the message up front.

If you're communicating with a peer/classmate, you don't know well

1. Use their **full first name**.
2. Don't abbreviate it or use nicknames

If you are writing to a friend or family member:

- It's oK to be more **casual** in tone
- **be respectful**.

when you are on a video call

- Your emotions will be visible to everyone
- but feelings are more difficult to convey through written messages

Nonverbal communication



- **Nonverbal communication** is lost online and meaning can be misinterpreted negatively because it does not explain tone of voice gestures, posture, and eye contact.

 Positive Online Communication

It's important to be positive when communicating online.



1. **Use positive words:** Set a positive tone with words such as can and will.

2. **Avoid negative words:** such as can't, won't, and unfortunately.

3. **Be conversational:** Add warmth to your conversation using:

   1- familiar words 2- contractions
   3- personal pronouns 4- simple sentence structure.

But be careful; you'll still need to use full sentences, proper grammar and correct spelling.

4. **Use emojis:** Emojis add tone and emotion.  

- Even in more <u>formal situations</u>, it's usually safe to use <u>one</u> or <u>two</u> positive emojis.
- <u>If you're unsure</u>, only use emojis if the other person uses them first.

5. **Begin and end with positive phrases:** Use friendly or encouraging phrases such as:

- How are you?
- I like your ideas for our project. Have a good weekend!



6. **Assume the best:** It's easy to misinterpret online communication in a negative way.

- <u>When this happens,</u> try to identify the person's meaning, <u>rather than</u> assuming they meant to be negative or hurt your feelings.

Lesson 4: Information websites

Reliable online libraries

Such as:



1. The Alexandria Digital Library (ADL)
2. The Egyptian Knowledge Bank (EKB)

The Egyptian Knowledge Bank (EKB)

EKB offers: The world's largest collection of online educational resources, including:

1. articles
2. dictionaries
3. encyclopedias and books
4. video
5. audio
6. interactive files



Egyptian Knowledge Bank
بنك المعرفة المصري

- files can be downloaded to your device
- content suitable for all ages
- safe and accurate sources
- free access for all Egyptian citizens
- material that is subject to copyright.

Helpful website features

1. **Search engines inside the website:**
   - The EKB and ADL content have specialized search engines

http://www.

2. **Menus:**
   
   - They help you to find information.
   - They help you to avoid scrolling and spending too much time looking for general information.
3. **Icons:** They can be clicked to reach other sections or webpages.
4. **Contact and About fields:**
   - They are easy to find, so visitors can contact or learn more about the *people involved in a website*.

☑ **About link** may include taglines (a short phrase about the website).

Website Creation

Software programs like WordPress are used to create websites.

When you start creating your website:

1. you can choose a blank template or one of the pre-loaded templates.
2. you can access free design tools to create your website.

Note:

1. Make sure the site is user-friendly and visually appealing by considering the photos, videos and font size/type.
3. **A home page** is the first screen a visitor will see when visiting your site.

Lesson 5: Commercial and non-commercial internet services

amazon

1. **commercial Websites**

- **The purpose:** to sell products or services.
- **Example:** Amazon

2. **Non- commercial Websites**

- **The purpose:** to provide information or raise awareness on an issue.
- **Example:** EKB –ADL





Commercial Websites

We can get information about a product by:

1. Reviews
2. Advertisements.

☞ **Reviews** help business(company): to develop products.

☞ **Reviews** help customers : to decide if they want to buy a particular product or not.

fake reviews

1. **a business** wants to make their product seem <u>more appealing</u>,

   So, they write their own <u>positive reviews</u> or have family or friends do it.

2. Sometimes **a rival business** will post <u>negative reviews</u> to prevent potential customers from making a purchase.



3. Some reviews may **<u>not be entirely fake</u>**, but they may be <u>misleading</u>.

4. Extreme reactions and reviews that's overly positive or negative <u>shouldn't be trusted</u> and aren't good indicators about products or service's true value.



Advertisements

Websites can use information about the sites you visit to place **<u>advertisements</u>**, that are geared towards your:

1. interests
2. geographic location
3. age
4. gender.

Lesson 6: Using ICT for content creation

Microsoft Edge is the web browser that comes with MS Windows.

The browser can help you browse, search, stream and more.

The Collections feature in Microsoft Edge



- It organizes research in one place and on multiple devices.
- Within each collection, you can add:

1. entire web pages
2. Individual videos
3. Text
4. Images (including charts and graphs)
5. links
6. notes.

- You can also **export** each collection to other apps such as **Excel** and **Word**.

To start a collection:

1. Select **Collections** on the **toolbar**.
2. Select **Start a New Collection.**
3. Type the **title** of your collection in the box.
4. Add **content** by selecting **Add current page**.
5. **Drag** an image into the collection.
6. Select text or links and **drag** them into a collection.

Writing help - Microsoft Editor

- You can use **Microsoft Editor** to check for **spelling** and **grammar**.
- **The editor** will **highlight** problems such as:
  1. Capitalization errors
  2. sentence fragments
  3. Missing or incorrect words and punctuation
- **The editor** makes a **suggestion** to correct each error.

  And You decide whether to accept or ignore each suggestion.

NOTE: You can get **the Editor online extension**

☞ To use this tool when you **do searches** or **write emails**.

Lesson 7: How to choose online sources

1 Online Libraries



- They are **secure, verified** .
- Online libraries such as:
  1. The Alexandria Library
  2. EKB
- Online libraries sometimes include:
  1. Dictionaries
  2. Thesauruses
  3. Encyclopedias

☞ But these are on separate sites.

A Creative Commons search: used to find copyright-free information.

NOTE: not all the search results are verified or accurate.

2 Online MAPS

- They provide **clear** and **accurate** directions to a place such as *Google Maps*.
- **Google Maps** are **accurate** and **regularly updated**.

3 Online Museum

- They allow you to **view museums digitally**.
- They include information about each museum.

4 Specialized search engines



- Specialized search engines are very useful.
- General search engines give **reliable** and **unreliable** results (such as google & Bing).

A website's Meta information

- information about the site and what it contains (such as keywords)
- the Meta information is below each link in search results.

NOTE :

- At the bottom of websites, there is usually information such as **a copyright notice**, **logo**, **contact information**, and **social media icons**.
- Clicking on these links can help you decide if the site is reliable.

Lesson 8

Choosing between synchronous and asynchronous communication

1 Synchronous communication

- real-time/ live /simultaneous/instant/immediate communication.
- Everyone communicate **at the same time**
- **Synchronous communication** is useful /appropriate when:

1. communicating with friends or family
2. writing about everyday matter
3. You need an immediate or quick response.

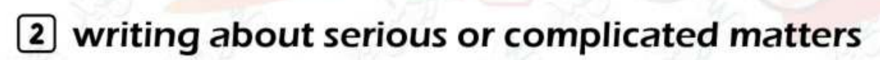
Digital tools:

1. video chats
2. live television shows
3. instant chat rooms
4. instant messaging

2 Asynchronous communication

- It does not occur in real time.
- It does not require an instant response.
- **Asynchronous communication** is useful /appropriate when:

1. communicating with someone in authority **or** you don't know well.



2. writing about serious or complicated matters
3. you don't need an answer right away.

Digital tools:

1. Email
2. voice and text messages
3. recorded videos.

Whenever you're communicating, you should respect the following:

1. Be polite:
2. Be patient:
3. Be helpful:
4. Be clear:

Theme " 4 "

Lesson 1: Explorer in action



Dr. Diego

- **Dr. Diego** holds a PhD from the Energy & Resources Group, University of California
- He uses the technology to build renewable energy-related data infrastructure and systems.
- These data systems allow him to collect data on power grids to:

1. improve the power system
2. reduce energy waste.

- **fossil fuels:** derived from **coal**, **natural gas**, and **oil**.
- **Renewable energy:** such as wind and solar power are being used.
- Recently, The world made a progress in transitioning from using fossil fuels **to** Renewable energy
- Energy efficiency is important.
- Dr. Diego work helps devices work efficiently by:

1. Connecting the refrigerators and air conditioners by a **thermostat**
2. programming a computer(2B Raspberry)to monitor and control them.

- Dr. Diego used his knowledge of **software** to program the air conditioners and refrigerators in a new energy-efficient way.
- More energy is used by air conditioners in the afternoon in summer because it is very hot out!
- Dr. Ponce de Leon was able to balance the power grid by moving and storing the electricity from one place to another.
- **The thermostat:** a switch that **measures temperature** in air conditioners and refrigerators,
- **The Sensors:** devices used to **monitor** the appliances and communicate information back to a computer.

In Egypt,

a data & information management system was built to improve **the irrigation systems.**

Lesson 2: How digital devices work

1 Installing Software



Windows PC:

1. Find the program online.
2. Click the download button.
3. Click on the file(located in Downloads)
   - A box will pop up.
4. Follow the instructions to finish the installation process.

Android device:



1. Tap on the Apps icon.
2. Go to the App store (Google Play stores).
3. Find the app you're looking for
4. click install.

NOTE: If you don't use official stores, Only download software from reliable sources or ask your teacher.

2 Updating Software

- Updates help programs to run more efficiently.
- Many programs install necessary updates automatically and others install updates manually.



Windows PC:

1 Go to the following:

Start button Settings

Update and Security Windows update

NOTE: Some major updates require a restart, Windows will prompt you when this is the case.



Android device:

1 Go to System System Update

2 Here, you will find updates that still need to be installed.

3 Tap on the icon and follow the instructions to install the necessary updates.

3 Troubleshoot Screen freezes

Sometimes, when you're downloading or updating software, your screen may freeze, If this happens:



Windows PC:



1 Press and hold the Ctrl + Alt + Del buttons

2 Then, use the **Task manager** to shut down any program that is marked as ***"not responding."***

3 <u>If that doesn't work</u>, turn off your device by pressing and holding down the power button for several seconds.

4 Then, wait a few more seconds before restarting your device.



Android device:

Hold down the power button for **30 seconds** and restart



Binary numbers system

- Computers use binary numbers system to store data more efficiently.
- Binary numbers considered as a language that the computer understands.
- The binary system uses the two values 1 and 0 to express data (numbers)
- Computers understand data (numbers) through electrical signals:

1. 1 means ON
2. 0 means OFF

Lesson 4: Determining the needs for a digital project

Dr. Diego uses technology to collect data to plan for the future.

Before starting your project, discuss in groups:

1. What will the final product be? Presentation, poster, web page, or film ?
2. a list of the things needed to deliver the project on time.
3. Decide on the tools that will be needed to complete the project.
4. Assign roles based on the strengths & interests of each group member.

Some tools you may need for a group project.

Microsoft Word:

Word

- With **an internet connection**, you can set up a Word document to be edited by numerous users at different locations.

This can be done by setting up **online editing**.

Microsoft Paint: You can save the images you create and insert them into your document.

Email: Use email to send your work to other group members or to your teacher.

- Remember to always tell your group members that you're sending an attachment, so they know that it's safe to open.

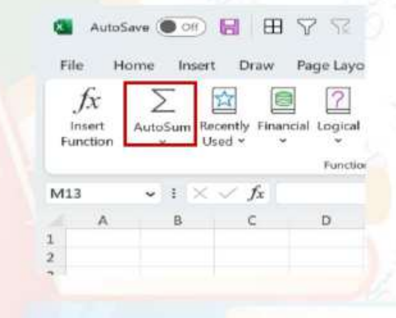
NOTE: Be sure to go over any questions group members may have and answer the questions as a group.

Lesson 5: Gathering data and presenting information in action



Arithmetic operators	Function
+	To add (sum) the values of cells
-	To subtract
*	To multiply
/	To divide
=	To create the formula, Ex: "= B2 – C1"

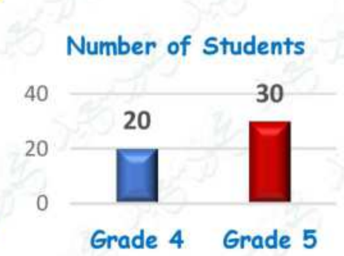
To Add up (sum) numbers:



1. **Select the cells** you want to add together.
2. Then click: **Home Tab >> AutoSum >> enter**



1. To Add **titles or labels** (e.g: for an axis) to a graph/chart:
   Toolbar >> Chart Design >> Add Chart Element
2. Choose **the color** of a graph/chart:
   Toolbar >> Chart Design >> Format
3. Choose **the type** of a graph/chart:
   Toolbar >> Chart Design >> Change chart type
4. Choose **the layout** of a graph/chart:
   Toolbar >> Chart Design >> Quick Layout



Digital information-handling skills

📖 You can research, collect, classify and process information using digital information handling skills.

- **Research:** first <u>define a research question</u>, then use the internet or offline sources to find information.
- **Collection:** You can use Word, Excel (for numeric data), or pen and paper.
  - Put data into specific files and folders for different types (e.g. images, text, videos, tables).
- **Classification:** You can use Excel graphs to classify and provide a visual representation of data.
- **Processing:** you want to process information to get to results and share them .

Lesson 6 : Presenting information in an appealing way

📖 An effective presentation is just like your favorite TV show or movie, it's a story that you are telling your audience

Microsoft Word and PowerPoint



- Use **one** or **two** colors <u>to emphasis</u> on specific information
- Put important text in **bold** by using **formatting tools** to make it stand out .
- You can also insert **WordArt** to make text have more impact.
- **In PowerPoint:**
- You can use different background colors.
- **Photographs** related to the topic can catch the viewer's eye.
- You can also insert **shapes** or even your **own drawings.**

- **Graphs and charts** are a good way to share data, especially numbers.
- Add **audio** to enhance a text or image, Be sure to be not too long or distracting.
- Consider using **video clips** in your presentation (ones you find online, or videos you have made) .

Movie Maker



- You can use Movie Maker to make a film from a selection of images.
- **The intellectual property rights** of others should be respected when using their photos, videos and audio files.

Lesson 7: Producing an effective presentation



Storyboard

- **Storyboard** is a chart that shows a sequence of content that forms a plan or outline of your presentation.
- Using MS PowerPoint to make **storyboards** can be valuable to produce an effective presentation.
- Storyboards allow you to plan your ideas and pre-visualize the results of a presentation.
- Make a very rough version of your presentation with a description of each slide, then go to View >>Slide Sorter to see an overview of your presentation.
- **A storyboard** helps you:
  1. Organize your ideas .
  2. Allows you to tell the story you want in a simple way.
  3. helps you give an organized and understandable presentation.



The 10-20-30 rule of Microsoft PowerPoint

- A PowerPoint Presentation shouldn't present too much information
- A PowerPoint Presentation shouldn't take up too much time.
- Font size should be easy to read.



10: up to ten slides only

20: no longer than 20 minutes

30: font no smaller than 30-point size

NOTE: the 'Design tab, in PowerPoint which offers alternatives to the normal black-and-white design of your presentation.

Lesson 8: Web design principles

you can use **Microsoft Word** to create your web page.

- When your document is ready:
  - Choose the **View tab >> Web layout**
- You can also save a file as a web page by choosing:

  file >> save as >> web page.



NOTE:

HTML (Hypertext Markup Language): is the language that will be displayed on a web browser.

The web page displayed in an online search engine

Consider including a larger image that reflects the main message of website , You may also include smaller images.

A heading:

- Your story should have **a title** or **heading** that catches your audience's attention.
- It should have **a larger font size** than the rest of the text so that it stands out.

Subheadings: break up information and allow your audience to see what a particular section of your story is about.

- Subheadings have **a smaller font size** than headings.

The main text will tell the story.

- **Text size** should be suitable and **smaller than subheadings.**
- Consider **font size** and **color** for each piece.
- The main text will be smaller, but must still be clearly visible.
- Use **simple fonts** so your message is not hard to read.
- **PowerPoint** and **web pages** can include audio and video.



تم بحمد الله ،

EL MOTAMYEZ - ICT Questions Bank

Final REVISION

Question 01 choose the correct Answer

1. To display a street or an area map, you can check ....
   - a) EKB
   - b) search engines
   - c) online maps
2. In computer binary system, the value (1) represent .... in terms of electrical signals.
   - a) On
   - b) off
   - c) pass
3. The meta information for the sites are placed .... each link .
   - a) Above
   - b) below
   - c) opposite
4. To solve the problem of screen freezes, you can use ....
   - a) Alt-tab-del
   - b) Alt-ctrl-del
   - c) Alt-ctrl-tab
5. .... are types of digital communication.
   - a) Synchronous
   - b) Asynchronous
   - c) both of them
6. recently, ... are being used instead of power generated from fossil fuels.
   - a) wind and solar power
   - b) natural gas and oil
   - c) a&b
7. .... Communication is appropriate in formal situations.
   - a) Synchronous
   - b) Asynchronous
   - c) both of them
8. Online learning environments include .... Communication
   - a) Synchronous
   - b) Asynchronous
   - c) both of them
9. Dr. Diego used his knowledge of .... to program the air conditioners and refrigerators in a new energy-efficient way.
   - a) Sensors
   - b) thermostat
   - c) software
10. .... allows you to read more about the site before clicking on the link.
    - a) Online libraries
    - b) Meta information
    - c) Egyptian knowledge bank



11. Dr. Diego develops the use of technology to build data systems related to

    a. renewable energy b. fossil fuels c. debris

12. A Creative Commons search is a resource to find .... materials.

    a. copyright-free b. protected c. digital

13. .... are devices that communicate information back to a computer.

    a. sensors b. thermostat c. wifi

14. Thermostat used in refrigerators to measure ....

    a. temperature b. energy c. humidity

15. If you downloaded a software program, you can find the program in .... Folder.

    a. Installed b. favourite c. Downloads

16. .... communication is appropriate When the information is urgent

    a. Synchronous b. Asynchronous c. both of them

17. Computers use .... number system to store data more efficiently.

    a. Binary b. decimal c. octal

18. Online libraries such as .... have secure, verified information.

    a. Wikipedia b. the Alexandria Library c. social media

19. The binary system uses the values .... to express the binary numbers system.

    a. 0 b. 1 c. both of them

20. .... provide clear and accurate directions to the required places.

    a. Online libraries b. Online museum c. Online maps

21. You can use Alt-Ctrl-Del to solve the problem of screen freezes. In ....

    a. Windows b. android c. iphone

22. Dr. Diego holds a PhD from the University of ....

    a. Chicago b. California c. New York







23. .... communication need instant(immediate) response.
   - a) Synchronous
   - b) Asynchronous
   - c) both of them

24. We can use search engines such as ....
   - a) Bing
   - b) google chrome
   - c) a&b

25. When the answer doesn't require much thought and preparation, you can use .... Communication .
   - a) Synchronous
   - b) Asynchronous
   - c) both of them

26. In Egypt, a data and information management system was built to improve .... system.
   - a) investment
   - b) irrigation
   - c) industry

27. Web page's .... break up information and allow your audience to see what a particular section of your story is about.
   - a) Heading
   - b) Subheadings
   - c) main text

28. Ms. Keiner used an app called .... to collect data about PPE litter.
   - a) the Debris Tracker
   - b) Zoom
   - c) Satellite

29. .... is the language that will be displayed on a web browser.
   - a) php
   - b) HTML
   - c) HMLT

30. The Debris Tracker application collects .... of PPE litter
   - a) Information
   - b) data
   - c) errors

31. The number of slides in a presentation should not be more than ..... Slides
   - a) 10
   - b) 20
   - c) 30

32. The Egyptian Ministry of Environment started "Go Green" initiative in 2019, on the basis of ....
   - a) Social studies
   - b) Social responsibility
   - c) environmental

33. You can use .... Program to make a film from a selection of images.
   - a) Movie Maker
   - b) excel
   - c) word

34. One of your rights as a digital citizen is protection from ....
   - a) Privacy
   - b) piracy
   - c) sharing





35. When researching a topic you can use offline sources such as ....
   (a) books (b) digital articles (c) blogs
36. .... Is/are important social issues.
   (a) fighting pollution (b) climate change (c) a&b
37. To create a formula, you can use ....
   (a) + (b) - (c) =
38. If a site is spreading false or harmful information, you should ....
   (a) Proceed visiting that site (b) stop visiting that site (c) stop visiting internet
39. You can use .... For collecting data.
   (a) Word & Excel (b) pen & papers (c) all the previous
40. The abbreviations and nicknames are only appropriate with ....
   (a) People of authority (b) People of authority (c) close friends
41. You can use .... to send your work to your teacher or colleagues.
   (a) Microsoft word (b) Paint (c) email
42. When you're communicating with a person of authority, you should ...
   (a) Be respectful (b) Avoid making jokes (c) a&b
43. you can set up a word document to be edited by group members at different locations by setting up.................................
   (a) Email (b) online editing (c) online search
44. You should be conversational and add warmth to your conversation using
   (a) familiar words (b) contractions (c) a&b
45. Using collections feature in Microsoft Edge, You can add ....
   (a) Videos & images (b) text & notes (c) a&b
46. Alexandria Digital Library and Egyptian Knowledge Bank are .... Libraries
   (a) Online (b) offline (c) a&b

47. Websites can use information about the sites you visit to show .... about your interest.
    - a) Reviews
    - b) advertisements
    - c) information

48. ....provide one of the largest collection of online resources all over the world.
    - a) EKB
    - b) Wikipedia
    - c) ADL

49. The purpose of non-commercial websites is to ....
    - a) sell products
    - b) sell services
    - c) provide information

50. .... help you to save time and find information easily.
    - a) About link
    - b) menus
    - c) URL

51. The purpose of commercial websites is ....
    - a) Provide information
    - b) sell products and services
    - c) raise awareness

52. .... is a software programs that is used to create websites.
    - a) WordPress
    - b) Excel
    - c) PowerPoint

53. When you start creating your website, you can choose ....
    - a) a blank template
    - b) pre-loaded template
    - c) a or b

54. .... websites often include customer reviews and advertisements.
    - a) Commercial
    - b) non-commercial
    - c) a&b

55. .... help you to avoid scrolling and spending too much time looking for information
    - a) Menus
    - b) About link
    - c) contact link

56. .... help customers decide if they want to buy a particular product or not.
    - a) Reviews
    - b) EKB
    - c) a&b

57. The Egyptian Knowledge Bank is a great digital library that includes
    - a) Articles and books
    - b) encyclopedias and dictionaries
    - c) a&b

58. .... help business to develop products.
    - a) Customer reviews
    - b) Advertisements
    - c) a&b

59. It's OK to be casual in tone, if you're communicating with ....

   a) A person in authority b) a family member c) unknown person

60. .... aren't usually good indicators about a product or service's true value.

   a) Extreme reactions b) overly positive reviews c) a&b

61. One of the ways to respect online sources is .... sources

   a) ignore b) crediting c) download

62. .... is a web browser that comes with Microsoft Windows.

   a) Microsoft Edge b) Microsoft Word c) Google chrome

63. Many companies include .... as part of their business plan.

   a) money plan b) rights c) CSR tasks

64. The .... feature in Microsoft Edge organizes research in one place.

   a) add current page b) Collections c) toolbar

65. The data uploaded by Ms. Keiner, her colleagues and her followers are in the form of .... that showing the different kinds of debris.

   a) GPS map locations b) infographics c) a & b

66. The first step to start a collection in Microsoft Edge is ....

   a) Select collections icon from toolbar b) add current page c) type title to the collection

67. Personal protective equipment (PPE), such as ....

   a) Facemasks b) disposable gloves c) a & b

68. You can use .... to edit and save the images you create and insert them into your document.

   a) Microsoft word b) Paint c) email

69. Peg Keiner is from ....

   a) New Yourk b) Chicago c) China

70. Before starting a project, you should discuss .... in groups.

   a) The final product b) The tools and things needed to deliver the project on time c) both of them

71. You can insert .... to make text have even more impact in PowerPoint.
   a) Audio b) video c) WordArt

72. You can use .... to add the values of cells in excel
   a) + b) - c) =

73. .... allow you to plan your ideas and pre-visualize the results of a presentation.
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74. .... Program is used to create tables and graphs.
   a) MS word b) MS. Excel c) MS. PowerPoint

75. The time of PowerPoint presentation should not be longer than .... minutes.
   a) 10 b) 20 c) 30

76. .... is the program used to handle numeric data.
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77. You can choose .... from file menu to save a file as a web page .
   a) Save as b) save c) share

78. .... Considered a good way to share data, especially numbers.
   a) Graphs b) charts c) both of them

79. The collected data uploaded to the Debris Tracker includes The .... of PPE litters
   a) locations b) types c) a&b

80. In PowerPoint , You can put important text in .... font to make that text stand out.
   a) Bold b) normal c) small

81. Egypt's "Go Green" initiative spreads awareness of .... issues .
   a) Technological b) Health c) environmental

82. You should respect .... when using other's photos, videos and audio files.
   a) The intellectual property rights b) piracy c) both of them

83. Ms. Keiner piloted social media campaigns on .... to encourage followers to collect PPE
   a. Twitter
   b. Instagram
   c. a & b

84. The font used in a PowerPoint presentation should be no smaller than .... -point size.
   a. 10
   b. 20
   c. 30

85. .... is one of your responsibilities as a digital citizen.
   a. Privacy
   b. respect other's privacy
   c. piracy

86. you can use Microsoft Word to create
   a. report
   b. web pages
   c. a &b

87. Peg Keiner uses .... to spread information about how to safely get rid of the problem of PPE.
   a. Social media
   b. WhatsApp
   c. EKB

88. The web page heading should have a .... font size than the rest of the text.
   a. smaller
   b. larger
   c. normal

89. When you communicate using ....Your emotions will be visible
   a. Email
   b. instant messaging
   c. video chat

90. Subheadings have a .... font size than headings.
   a. smaller
   b. larger
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91. If you are writing to a person that you never meet him, you should .... yourself first.
   a. Introduce
   b. produce
   c. engage

92. The EKB and ADL websites have specialized ....
   a. Personal information
   b. search engine
   c. a. a&b

93. .... is an example of a commercial website .
   a. EKB
   b. Amazon
   c. WordPress

94. You can get information about a product by:
   a. Reviews
   b. advertisements
   c. a&b

95. .... is an example of a non-commercial website.

a) EKB b) Amazon c) Jumia

96. Some one write a comment: "It is very bad product, I wish I could evaluate it with zero! " This is considered ....comment.

a) Positive b) negative c) non of them

97. .... make a suggestion to correct spelling and grammar errors.

a) Microsoft Edge b) Microsoft Editor c) Microsoft windows

98. MS Word can be edited by numerous users at different locations, if there is an available ....

a) Keyboard b) printer c) internet connection

99. To add titles or labels of a graph, you can choose .... From toolbar.

a) Add Chart Element b) Format c) Change chart type

100. You can change the color of a graph/chart using .... From toolbar.

a) Format b) Quick layout c) Change chart type

101. An................................ is just like your favourite TV show or movie.

a) EKB b) effective presentation c) tables

102. In ...., you can use different background colors.

a) Web browsers b) PowerPoint c) excel

103. You can use.................... in PowerPoint to offers alternatives to the normal black-and-white design of your presentation.

a) Design tab b) View tab c) insert tab

104. Full first name is used when you communicate with ....

a) classmate you know b) classmate don't know c) Your friend

105. In nonverbal communication like sending text messages, the meaning may be ....

a) Interpreted successfully b) misinterpreted negatively c) clear

106. Nonverbal communication doesn't show ....

a) eye contact b) gestures& posture c) a&b

107. You can access information online as this is one of your .... as a digital citizen.
   - (a) responsibilities
   - (b) rights
   - (c) privacy

108. Ms. Keiner is a Global Goals Ambassador for the ....
   - (a) United States
   - (b) United Nations
   - (c) United Emirates

109. .... includes taglines that provide short pieces of information about the website.
   - (a) Icons
   - (b) menus
   - (c) About link

110. . ... allow visitors to contact or learn more about the people involved in a website.
   - (a) About link
   - (b) contact link
   - (c) both of them

111. Commercial websites often include................., which can be helpful to both the business and the customer.
   - (a) customer reviews
   - (b) customer services
   - (c) non of them

112. You should click .... to save this page in the Microsoft Edge collections.
   - (a) Add all pages
   - (b) add next page
   - (c) add current page

113. You can select collections icon from .... Of Microsoft Edge.
   - (a) toolbar
   - (b) Toolbox
   - (c) toolkit

114. When searching a topic you can use ....
   - (a) Online sources
   - (b) offline sources
   - (c) both of them

Question 02 put (√) or (×)

1. General search engines are useful and lead you to reliable pages . ( )
2. All online sources are safe to download programs . ( )
3. E-mail is an example of asynchronous communication, but recorded video is an example of synchronous communication. ( )
4. Binary system uses the values 1 & 2 . ( )
5. Synchronous communication is useful any time ( )
6. Sensors are used to monitor how much energy refrigerators and air conditioners use throughout the day. ( )



7. Energy efficiency is not important ( )
8. Online libraries are verified and accurate. ( )
9. We can use technology to solve many problems ( )
10. Dr. Ponce was able to balance the power grid by moving and storing the electricity ( )
11. electricity uses in a certain town change throughout the day ( )
12. Using technology to collect data is not important in planning for the future ( )
13. video chats, live television shows are examples of asynchronous communication ( )
14. Always be sure your message is clear when communicating online ( )
15. software programs are such as Microsoft Office and Google chrome ( )
16. Asynchronous communication is real-time communication ( )
17. All software programs require a restart after updating or installing programs ( )
18. The Sensors are devices used to measure temperature ( )
19. Google Maps are accurate and they are regularly updated. ( )
20. All online information is trusted ( )
21. Online libraries is one of the ways to get information ( )
22. Specialized search engines may lead you to unreliable pages or unsafe pages. ( )
23. All software programs are automatically updated. ( )
24. You must update all software programs manually ( )
25. Egypt uses data and information management system ( )
26. Dr. Diego used technology to reduce energy waste ( )
27. A Creative Commons search is used to find content that subject to copyright ( )
28. Peg Keiner is a biologist ( )
29. You can save web page from Edit menu ( )
30. Twitter and Instagram are common social media platforms ( )
31. Font size of the main text should be larger than subheadings ( )



32. The data uploaded to the Debris Tracker was analyzed and the results were used by researchers ( )
33. storyboard allows you to tell the story you want in a complicated way. ( )
34. The protection from piracy is one of your responsibilities as a digital citizen ( )
35. The number of slides in a presentation should be more than 10 slides ( )
36. We can use the internet to contribute in social activities that help solve social issues ( )
37. In designing posters, It is preferable to use more than three colors to catch the viewer's eye . ( )
38. Corporates use the internet to help others ( )
39. It is recommended to Put the collected data into specific files and folders ( )
40. abbreviations and nicknames are appropriate to communicate with strangers ( )
41. It is not necessary to tell your group members that you're sending an attachment via email ( )
42. when you are on a video call, your feelings are invisible ( )
43. Microsoft Word is an efficient program to use when working on projects. ( )
44. The Alexandria Digital Library offers the world's largest collection of online educational resources ( )
45. Microsoft editor correct errors without any intervention from your side ( )
46. Helpful websites have search engines inside the website ( )
47. Commercial websites often include customer reviews ( )
48. EKB offers material that is subject to copyright. ( )
49. You can't download files from EKB website ( )
50. Websites menus waste time when you search for information ( )
51. You can be more casual in tone with your teacher ( )
52. The Egyptian Knowledge Bank is an example of commercial website. ( )
53. To avoid misinterpretation in online communication , You should assume the best ( )
54. A review that's overly positive or negative should be trusted. ( )
55. Improving health care is considered an important social issue ( )



No.	Statement	Answer
56	If you visit a certain website, or focuses on a specific brand, that brand might pop up more whenever you visit other websites	( )
57	Debris Tracker app can be downloaded on your phone for free	( )
58	You can't add web pages to your Microsoft Edge collection	( )
59	PPE is an abbreviation for personal protective equipment	( )
60	You must use the same device to use your collections in Microsoft Edge	( )
61	Use simple fonts, so your message is easy to read	( )
62	Before starting a project, it is not necessary to discuss what the final product will be.	( )
63	The 10-20-30 rule is used in MS excel	( )
64	One of the tools you may need for a group project is E-mail	( )
65	You can insert shapes in MS word only	( )
66	Assigning roles to the group members is crucial when starting a project	( )
67	AutoSum is used to sum cell values automatically in excel.	( )
68	Understanding the roles group members will play in the project is important.	( )
69	Be sure to answer any questions group members may have	( )
70	When researching a topic, you should first define a research question	( )
71	Group members cannot work together on a Word document at the same time.	( )
72	Excel graphs are one example of how you can classify and provide a visual representation of data drawn in the form of a graph.	( )
73	You can decide either to accept or ignore each suggestion of the editor	( )
74	WordArt is an amazing feature in Excel	( )
75	Google chrome is a type of browsers that comes with Windows	( )
76	It is recommended to put important text in bold to make key information stand out.	( )
77	Some rival business write negative reviews on their competitors' sites	( )
78	The intellectual property rights of others is not important when using their photos or videos	( )
79	The purpose of non-commercial websites is to sell products or services	( )

80. A PowerPoint Presentation should present too much information ( )
81. Icons on a website can be clicked to reach other sections or webpages ( )
82. Subheadings have a larger font size than headings ( )
83. You should use full sentences, proper grammar and correct spelling. ( )
84. web pages can't include audio and video ( )
85. Being socially responsible includes being mindful of the websites you use ( )
86. Web pages just include large images ( )
87. The "Go Green" initiative in Egypt spreads awareness of environmental issues ( )
88. Debris Tracker app record the location only ( )
89. you can use Microsoft Word to create a web page ( )
90. The audio you added to your presentation should be too long to attract more people ( )
91. An effective presentation is just like your favorite TV show or movie ( )
92. MS word is used to collect numeric data ( )
93. It is not available to edit a Word document online ( )
94. You can't add videos or links to a collection in Microsoft Edge ( )
95. Reviews and comments affect positively or negatively on products and services. ( )
96. Non-commercial websites are used to raise awareness on an issue ( )
97. ADL is considered on of the unreliable online sources ( )
98. When you are writing messages, feelings are more easy to convey ( )
99. piracy is one of your rights as a digital citizen. ( )
100. Ms. Keiner work alone to collect litter data ( )
101. Microsoft PowerPoint is used to create an effective presentation ( )
102. Digital books found on your device require internet connection to be able to use them ( )
103. You can not attach a document to your email ( )
104. You can drag charts, graphs, links and texts into a collection in Microsoft Edge ( )

#	Statement	
105	Browsers can help you search and view videos online	( )
106	Reviews and comments of customers are useful for developing company's products	( )
107	You can use WordPress to create your website.	( )
108	In formal situations, you must not use emojis.	( )
109	Being socially responsible includes being don't care of the websites you use.	( )
110	Be sure the information you share and its purpose are clear	( )
111	To add cell values in MS, excel, you can use symbol" / "	( )
112	Dr. Ponce de Leon uses technology to collect data to plan for the future	( )
113	ALL customer reviews are fake .	( )
114	Contact and About fields are difficult to find .	( )
115	The EKB and ADL content haven't search engines .	( )
116	Be polite and respectful when communicating online with others .	( )

انتهت الأسئلة مع أطيب الأمنيات بالنجاح والتوفيق

بنك أسئلة

الصف الخامس الابتدائي ٢٠٢٣

المتميز

أ/ محمود سعيد

Model Answers



5 الصف الخامس

Second Term Final Revision

BY

MR . Osama Youssef











EL MOTAMYEZ - ICT Questions Bank

Final REVISION

Question 01 choose the correct Answer

1. To display a street or an area map, you can check ....
   - a) EKB
   - b) search engines
   - c) online maps

2. In computer binary system, the value (1) represent .... in terms of electrical signals.
   - a) On
   - b) off
   - c) pass

3. The meta information for the sites are placed .... each link .
   - a) Above
   - b) below
   - c) opposite

4. To solve the problem of screen freezes, you can use ....
   - a) Alt-tab-del
   - b) Alt-ctrl-del
   - c) Alt-ctrl-tab

5. .... are types of digital communication.
   - a) Synchronous
   - b) Asynchronous
   - c) both of them

6. recently, ... are being used instead of power generated from fossil fuels.
   - a) wind and solar power
   - b) natural gas and oil
   - c) a&b

7. .... Communication is appropriate in formal situations.
   - a) Synchronous
   - b) Asynchronous
   - c) both of them

8. Online learning environments include .... Communication
   - a) Synchronous
   - b) Asynchronous
   - c) both of them

9. Dr. Diego used his knowledge of .... to program the air conditioners and refrigerators in a new energy-efficient way.
   - a) Sensors
   - b) thermostat
   - c) software

10. .... allows you to read more about the site before clicking on the link.
    - a) Online libraries
    - b) Meta information
    - c) Egyptian knowledge bank

11. Dr. Diego develops the use of technology to build data systems related to
   - a. renewable energy
   - b. fossil fuels
   - c. debris

12. A Creative Commons search is a resource to find .... materials.
   - a. copyright-free
   - b. protected
   - c. digital

13. .... are devices that communicate information back to a computer.
   - a. sensors
   - b. thermostat
   - c. wifi

14. Thermostat used in refrigerators to measure ....
   - a. temperature
   - b. energy
   - c. humidity

15. If you downloaded a software program, you can find the program in .... Folder.
   - a. Installed
   - b. favourite
   - c. Downloads

16. .... communication is appropriate When the information is urgent
   - a. Synchronous
   - b. Asynchronous
   - c. both of them

17. Computers use .... number system to store data more efficiently.
   - a. Binary
   - b. decimal
   - c. octal

18. Online libraries such as .... have secure, verified information.
   - a. Wikipedia
   - b. the Alexandria Library
   - c. social media

19. The binary system uses the values .... to express the binary numbers system.
   - a. 0
   - b. 1
   - c. both of them

20. .... provide clear and accurate directions to the required places.
   - a. Online libraries
   - b. Online museum
   - c. Online maps

21. You can use Alt-Ctrl-Del to solve the problem of screen freezes. In ....
   - a. Windows
   - b. android
   - c. iphone

22. Dr. Diego holds a PhD from the University of ....
   - a. Chicago
   - b. California
   - c. New York

23 .... communication need instant(immediate) response.

- (a) Synchronous
- (b) Asynchronous
- (c) both of them

24 We can use search engines such as ....

- (a) Bing
- (b) google chrome
- (c) a&b

25 When the answer doesn't require much thought and preparation, you can use .... Communication .

- (a) Synchronous
- (b) Asynchronous
- (c) both of them

26 In Egypt, a data and information management system was built to improve .... system.

- (a) investment
- (b) irrigation
- (c) industry

27 Web page's .... break up information and allow your audience to see what a particular section of your story is about.

- (a) Heading
- (b) Subheadings
- (c) main text

28 Ms. Keiner used an app called .... to collect data about PPE litter.

- (a) the Debris Tracker
- (b) Zoom
- (c) Satellite

29 .... is the language that will be displayed on a web browser.

- (a) php
- (b) HTML
- (c) HMLT

30 The Debris Tracker application collects .... of PPE litter

- (a) Information
- (b) data
- (c) errors

31 The number of slides in a presentation should not be more than ..... Slides

- (a) 10
- (b) 20
- (c) 30

32 The Egyptian Ministry of Environment started "Go Green" initiative in 2019, on the basis of ....

- (a) Social studies
- (b) Social responsibility
- (c) environmental

33 You can use .... Program to make a film from a selection of images.

- (a) Movie Maker
- (b) excel
- (c) word

34 One of your rights as a digital citizen is protection from ....

- (a) Privacy
- (b) piracy
- (c) sharing

35. When researching a topic you can use offline sources such as ....

a) <u>books</u> b) digital articles c) blogs

36. .... Is/are important social issues.

a) fighting pollution b) climate change c) <u>a&b</u>

37. To create a formula, you can use ....

a) + b) - c) <u>=</u>

38. If a site is spreading false or harmful information, you should ....

a) Proceed visiting that site b) <u>stop visiting that site</u> c) stop visiting internet

39. You can use .... For collecting data.

a) Word & Excel b) pen & papers c) <u>all the previous</u>

40. The abbreviations and nicknames are only appropriate with ....

a) People of authority b) People of authority c) <u>close friends</u>

41. You can use .... to send your work to your teacher or colleagues.

a) Microsoft word b) Paint c) <u>email</u>

42. When you're communicating with a person of authority, you should ...

a) Be respectful b) Avoid making jokes c) <u>a&b</u>

43. you can set up a word document to be edited by group members at different locations by setting up...............................

a) Email b) <u>online editing</u> c) online search

44. You should be conversational and add warmth to your conversation using

a) familiar words b) contractions c) <u>a&b</u>

45. Using collections feature in Microsoft Edge, You can add ....

a) Videos & images b) text & notes c) <u>a&b</u>

46. Alexandria Digital Library and Egyptian Knowledge Bank are .... Libraries

a) <u>Online</u> b) offline c) a&b

47. Websites can use information about the sites you visit to show .... about your interest.
    - (a) Reviews
    - (b) <u>advertisements</u>
    - (c) information

48. ....provide one of the largest collection of online resources all over the world.
    - (a) <u>EKB</u>
    - (b) Wikipedia
    - (c) ADL

49. The purpose of non-commercial websites is to ....
    - (a) sell products
    - (b) sell services
    - (c) <u>provide information</u>

50. .... help you to save time and find information easily.
    - (a) About link
    - (b) <u>menus</u>
    - (c) URL

51. The purpose of commercial websites is ....
    - (a) Provide information
    - (b) <u>sell products and services</u>
    - (c) raise awareness

52. .... is a software programs that is used to create websites.
    - (a) <u>WordPress</u>
    - (b) Excel
    - (c) PowerPoint

53. When you start creating your website, you can choose ....
    - (a) a blank template
    - (b) pre-loaded template
    - (c) <u>a or b</u>

54. .... websites often include customer reviews and advertisements.
    - (a) <u>Commercial</u>
    - (b) non-commercial
    - (c) a&b

55. .... help you to avoid scrolling and spending too much time looking for information
    - (a) <u>Menus</u>
    - (b) About link
    - (c) contact link

56. .... help customers decide if they want to buy a particular product or not.
    - (a) <u>Reviews</u>
    - (b) EKB
    - (c) a&b

57. The Egyptian Knowledge Bank is a great digital library that includes
    - (a) Articles and books
    - (b) encyclopedias and dictionaries
    - (c) <u>a&b</u>

58. .... help business to develop products.
    - (a) <u>Customer reviews</u>
    - (b) Advertisements
    - (c) a&b

59. It's OK to be casual in tone, if you're communicating with ....

(a) A person in authority (b) a family member (c) unknown person

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(a) Select collections icon from toolbar (b) add current page (c) type title to the collection

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   - b) video
   - c) WordArt

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   - a) +
   - b) -
   - c) =

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77. You can choose .... from file menu to save a file as a web page .
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   - b) save
   - c) share

78. .... Considered a good way to share data, especially numbers.
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   - b) charts
   - c) both of them

79. The collected data uploaded to the Debris Tracker includes The .... of PPE litters
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   - b) types
   - c) a&b

80. In PowerPoint , You can put important text in .... font to make that text stand out.
   - a) Bold
   - b) normal
   - c) small

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   - b) Health
   - c) environmental

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   - b) piracy
   - c) both of them

83. Ms. Keiner piloted social media campaigns on .... to encourage followers to collect PPE

   a. Twitter b. Instagram c. a & b

84. The font used in a PowerPoint presentation should be no smaller than .... -point size.

   a. 10 b. 20 c. 30

85. .... is one of your responsibilities as a digital citizen.

   a. Privacy b. respect other's privacy c. piracy

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   a. report b. web pages c. a &b

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   a. Email b. instant messaging c. video chat

90. Subheadings have a .... font size than headings.

   a. smaller b. larger c. normal

91. If you are writing to a person that you never meet him, you should .... yourself first.

   a. Introduce b. produce c. engage

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   a. Personal information b. search engine c. a. a&b

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   a. Reviews b. advertisements c. a&b

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   a. Positive   b. negative   c. non of them

97. .... make a suggestion to correct spelling and grammar errors.
   a. Microsoft Edge   b. Microsoft Editor   c. Microsoft windows

98. MS Word can be edited by numerous users at different locations, if there is an available ....
   a. Keyboard   b. printer   c. internet connection

99. To add titles or labels of a graph, you can choose .... From toolbar.
   a. Add Chart Element   b. Format   c. Change chart type

100. You can change the color of a graph/chart using .... From toolbar.
   a. Format   b. Quick layout   c. Change chart type

101. An.................................. is just like your favourite TV show or movie.
   a. EKB   b. effective presentation   c. tables

102. In ...., you can use different background colors.
   a. Web browsers   b. PowerPoint   c. excel

103. You can use..................... in PowerPoint to offers alternatives to the normal black-and-white design of your presentation.
   a. Design tab   b. View tab   c. insert tab

104. Full first name is used when you communicate with ....
   a. classmate you know   b. classmate don't know   c. Your friend

105. In nonverbal communication like sending text messages, the meaning may be ....
   a. Interpreted successfully   b. misinterpreted negatively   c. clear

106. Nonverbal communication doesn't show ....
   a. eye contact   b. gestures& posture   c. a&b



107. You can access information online as this is one of your .... as a digital citizen.
   - a) responsibilities
   - b) rights
   - c) privacy

108. Ms. Keiner is a Global Goals Ambassador for the ....
   - a) United States
   - b) United Nations
   - c) United Emirates

109. .... includes taglines that provide short pieces of information about the website.
   - a) Icons
   - b) menus
   - c) About link

110. . ... allow visitors to contact or learn more about the people involved in a website.
   - a) About link
   - b) contact link
   - c) both of them

111. Commercial websites often include................, which can be helpful to both the business and the customer.
   - a) customer reviews
   - b) customer services
   - c) non of them

112. You should click .... to save this page in the Microsoft Edge collections.
   - a) Add all pages
   - b) add next page
   - c) add current page

113. You can select collections icon from .... Of Microsoft Edge.
   - a) toolbar
   - b) Toolbox
   - c) toolkit

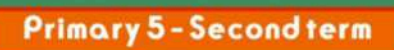
114. When searching a topic you can use ....
   - a) Online sources
   - b) offline sources
   - c) both of them

Question 02 put (√) or (×)

1. General search engines are useful and lead you to reliable pages . ✗
2. All online sources are safe to download programs . ✗
3. E-mail is an example of asynchronous communication, but recorded video is an example of synchronous communication. ✗
4. Binary system uses the values 1 & 2 . ✗
5. Synchronous communication is useful any time ✗
6. Sensors are used to monitor how much energy refrigerators and air conditioners use throughout the day. ✓



No.	Statement	Answer
7	Energy efficiency is not important	✗
8	Online libraries are verified and accurate.	✓
9	We can use technology to solve many problems	✓
10	Dr. Ponce was able to balance the power grid by moving and storing the electricity	✓
11	electricity uses in a certain town change throughout the day	✓
12	Using technology to collect data is not important in planning for the future	✗
13	video chats, live television shows are examples of asynchronous communication	✗
14	Always be sure your message is clear when communicating online	✓
15	software programs are such as Microsoft Office and Google chrome	✓
16	Asynchronous communication is real-time communication	✗
17	All software programs require a restart after updating or installing programs	✗
18	The Sensors are devices used to measure temperature	✗
19	Google Maps are accurate and they are regularly updated.	✓
20	All online information is trusted	✗
21	Online libraries is one of the ways to get information	✓
22	Specialized search engines may lead you to unreliable pages or unsafe pages.	✗
23	All software programs are automatically updated.	✗
24	You must update all software programs manually	✗
25	Egypt uses data and information management system	✓
26	Dr. Diego used technology to reduce energy waste	✓
27	A Creative Commons search is used to find content that subject to copyright	✗
28	Peg Keiner is a biologist	✗
29	You can save web page from Edit menu	✗
30	Twitter and Instagram are common social media platforms	✓
31	Font size of the main text should be larger than subheadings	✗




No.	Statement	Answer
32	The data uploaded to the Debris Tracker was analyzed and the results were used by researchers	✓
33	storyboard allows you to tell the story you want in a complicated way.	✗
34	The protection from piracy is one of your responsibilities as a digital citizen	✗
35	The number of slides in a presentation should be more than 10 slides	✗
36	We can use the internet to contribute in social activities that help solve social issues	✓
37	In designing posters, It is preferable to use more than three colors to catch the viewer's eye .	✗
38	Corporates use the internet to help others	✓
39	It is recommended to Put the collected data into specific files and folders	✓
40	abbreviations and nicknames are appropriate to communicate with strangers	✗
41	It is not necessary to tell your group members that you're sending an attachment via email	✗
42	when you are on a video call, your feelings are invisible	✗
43	Microsoft Word is an efficient program to use when working on projects.	✓
44	The Alexandria Digital Library offers the world's largest collection of online educational resources	✗
45	Microsoft editor correct errors without any intervention from your side	✗
46	Helpful websites have search engines inside the website	✓
47	Commercial websites often include customer reviews	✓
48	EKB offers material that is subject to copyright.	✓
49	You can't download files from EKB website	✗
50	Websites menus waste time when you search for information	✗
51	You can be more casual in tone with your teacher	✗
52	The Egyptian Knowledge Bank is an example of commercial website.	✗
53	To avoid misinterpretation in online communication , You should assume the best	✓
54	A review that's overly positive or negative should be trusted.	✗
55	Improving health care is considered an important social issue	✓




No.	Statement	Answer
56	If you visit a certain website, or focuses on a specific brand, that brand might pop up more whenever you visit other websites	✓
57	Debris Tracker app can be downloaded on your phone for free	✓
58	You can't add web pages to your Microsoft Edge collection	✗
59	PPE is an abbreviation for personal protective equipment	✓
60	You must use the same device to use your collections in Microsoft Edge	✗
61	Use simple fonts, so your message is easy to read	✓
62	Before starting a project, it is not necessary to discuss what the final product will be.	✗
63	The 10-20-30 rule is used in MS excel	✗
64	One of the tools you may need for a group project is E-mail	✓
65	You can insert shapes in MS word only	✗
66	Assigning roles to the group members is crucial when starting a project	✓
67	AutoSum is used to sum cell values automatically in excel.	✓
68	Understanding the roles group members will play in the project is important.	✓
69	Be sure to answer any questions group members may have	✓
70	When researching a topic, you should first define a research question	✓
71	Group members cannot work together on a Word document at the same time.	✗
72	Excel graphs are one example of how you can classify and provide a visual representation of data drawn in the form of a graph.	✓
73	You can decide either to accept or ignore each suggestion of the editor	✓
74	WordArt is an amazing feature in Excel	✗
75	Google chrome is a type of browsers that comes with Windows	✗
76	It is recommended to put important text in bold to make key information stand out.	✓
77	Some rival business write negative reviews on their competitors' sites	✓
78	The intellectual property rights of others is not important when using their photos or videos	✗
79	The purpose of non-commercial websites is to sell products or services	✗



No.	Statement	Answer
80	A PowerPoint Presentation should present too much information	✗
81	Icons on a website can be clicked to reach other sections or webpages	✓
82	Subheadings have a larger font size than headings	✗
83	You should use full sentences, proper grammar and correct spelling.	✓
84	web pages can't include audio and video	✗
85	Being socially responsible includes being mindful of the websites you use	✓
86	Web pages just include large images	✗
87	The "Go Green" initiative in Egypt spreads awareness of environmental issues	✓
88	Debris Tracker app record the location only	✗
89	you can use Microsoft Word to create a web page	✓
90	The audio you added to your presentation should be too long to attract more people	✗
91	An effective presentation is just like your favorite TV show or movie	✓
92	MS word is used to collect numeric data	✗
93	It is not available to edit a Word document online	✗
94	You can't add videos or links to a collection in Microsoft Edge	✗
95	Reviews and comments affect positively or negatively on products and services.	✓
96	Non-commercial websites are used to raise awareness on an issue	✓
97	ADL is considered on of the unreliable online sources	✗
98	When you are writing messages, feelings are more easy to convey	✗
99	piracy is one of your rights as a digital citizen.	✗
100	Ms. Keiner work alone to collect litter data	✗
101	Microsoft PowerPoint is used to create an effective presentation	✓
102	Digital books found on your device require internet connection to be able to use them	✗
103	You can not attach a document to your email	✗
104	You can drag charts, graphs, links and texts into a collection in Microsoft Edge	✓




105. Browsers can help you search and view videos online ✔
106. Reviews and comments of customers are useful for developing company's products ✔
107. You can use WordPress to create your website. ✔
108. In formal situations, you must not use emojis. ✖
109. Being socially responsible includes being don't care of the websites you use. ✖
110. Be sure the information you share and its purpose are clear ✔
111. To add cell values in MS, excel, you can use symbol" / " ✖
112. Dr. Ponce de Leon uses technology to collect data to plan for the future ✔
113. ALL customer reviews are fake ✖
114. Contact and About fields are difficult to find ✖
115. The EKB and ADL content haven't search engines ✖
116. Be polite and respectful when communicating online with others ✔

تم بحمد الله ،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

EXAM NIGHT

*** Theme (3)**

- Lesson 1:

- The data is stored on the Debris Tracker website and is available for anyone to download and analyze.
- Maintaining a clean environment is your a social responsibility.
- Ms. Keiner wanted to help spread awareness of the dangers of litter.
- Ms. Keiner used Debris Tracker app, and she recorded described the kind of litter (paper, plastic, etc.), and her students helped her.
- Ms. Keiner took a photo of the litter and recorded where she found it location with GPS.

- Lesson 2:

- If a site is spreading false or harmful information, stop visiting that site.
- You a digital citizen, you have rights that you enjoy, such as:
  - Privacy.
  - Protection from piracy.
  - Ability to engage with others online.
  - Provide and access information online.
  - Ability to use the internet when you need to.



- You a digital citizen, you have responsibilities such as:
  - Respect others' privacy.
  - Respect various sources.
  - Exhibit positive behavior in interactions with others.



- Ensure safe sharing online.
- Social responsibility is the express your opinions in a positive way. And connect with people in person, and respect their opinions.
- Corporate social responsibility(CSR), is the use internet to help others, and supporting important causes.
- If you have videos or articles, about a cause. Be sure that they are accurate and easy to understand. Don't spread false information.

- Lesson 3:

- When you are on a video call, your emotions will be visible to everyone.
- Your feelings are difficult to convey through written messages sometimes
- it's important to be positive when communicating online.

- Lesson 4:

- The Alexandria Digital Library, and the Egyptian Knowledge Bank are examples of reliable online libraries.
- The Egyptian Knowledge Bank (EKB) offers: The world's largest collection of online educational resources, including articles, dictionaries, encyclopedias and books, and video, audio, and interactive files.

* The features of Knowledge Bank, the following:
* Files can be downloaded to your device.
* Content suitable for all ages.
* Safe and accurate sources.

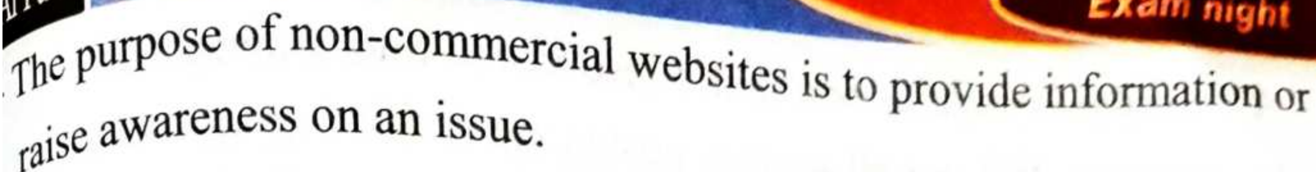
* Material that is subject to copyright.
* Free access for all Egyptian citizens.

- There are Search engine inside the EKB website directly within a web page.
- The EKB and ADL content have specialized search engines.
- **WordPress** software are used to create websites.
- When you start creating a website, choose a blank template or choose one of the software's pre-loaded templates.
- When creating a website, be sure to consider the photos and videos, and font size/type.
- **Menus**: Help you to avoid scrolling and spending too much time looking for general information, and include clear titles and content information.
- **Icons** can be clicked to reach other sections or webpages.

- **Menus**: Help you to avoid scrolling and spending too much time looking for general information, and include clear titles and content information.
- **Icons** can be clicked to reach other sections or webpages.

- Lesson 5:

- Websites are divided into two parts, commercial sites or non-commercial sites.
- The purpose of commercial websites is to sell products or services.
- Amazon is a commercial website.
- Commercial websites include customer reviews, which can be helpful to both the business and the customer.



- The purpose of non-commercial websites is to provide information or raise awareness on an issue.
- The Egyptian Knowledge Bank (EKB) is a non-commercial website.
- Reviews are one way you can get information about a product. Another way is via advertisements.
- Some reviews may not be entirely fake, but they may be misleading. A review that's overly positive or negative shouldn't be trusted.

- Lesson 6:

- Microsoft Edge is the web browser that comes with Microsoft Windows.
- The browser can help you browse, search, stream and more.
- The Collections feature in Microsoft Edge organizes research in one place and on multiple devices.
- You can start a collection for each new project or assignment.
- Within each collection you can add entire web pages, and individual videos, images (including charts and graphs), text, links and notes.
- You can export each collection to other apps such as Excel and Word.
- Use Microsoft Editor to check for spelling and grammar.
- Microsoft Editor make a suggestion to correct each error, and you decide whether to accept or ignore each suggestion.
- To review possible grammar and spelling errors select the Editor icon in Word's toolbar, or in the browser.

- Lesson 7:

- Online libraries, are helpful for searching media (images or videos).
- Online libraries include dictionaries, thesauruses, and encyclopedias, but these are on separate sites.

- A Creative Commons search is a resource to find copyright-free information. But not all sources posted are verified or accurate.
- Online libraries such as the Alexandria Library and the EKB have secure, verified information.
- Online Maps such as Google Maps, can provide clear and accurate directions to the required places.
- If you need to display a street, or an area map, always check online maps.
- Google Maps are considered accurate and are regularly updated.
- Online museums can be reference sites that allow you to view museums digitally.
- Online museums include information about each museum.
- Specialized search engines such as Google or Bing are very useful.
- Try to use appropriate keywords in your search, so that the results are relevant to the search topic.
- General search engines are also useful, but may lead you to unreliable pages or unsafe pages.
- Websites include meta information, such as keywords, information about the site, and what it contains.
- The meta information for the site allows you to read more about the site before clicking on the link.

- Lesson 8:

- Synchronous communication is real-time communication between people, with everyone interacting and taking in information at the same time using digital tools such as video chats, live television shows, and instant chat rooms.

- Asynchronous communication is communication that does not occur in real time and does not require an instant response.
- Asynchronous communication tools include email, voice and text messages and recorded videos.
- Synchronous communication is useful when you are writing about a lighthearted, everyday matter to friends or family and you need an immediate or quick response.
- Asynchronous communication is useful when you are writing about serious matters with someone you don't know well or with someone in authority and you don't need an answer right away.
- Whenever you're communicating, you should be polite. Respect the recipient's feelings, even if you're upset about something.

*** Theme (4)**

- Lesson 1:

- Dr. Diego Ponce de Leon holds a PhD from the Energy and Resources Group, University of California.
- He develops the use of technology to build renewable energy-related data infrastructure and systems.
- Data systems allow Dr. Diego to collect data on power grids in order to improve the power system and reduce energy waste.
- Nowadays, the world transitioning from using power generated by fossil fuels derived from coal, natural gas, and oil, to wind and solar power.
- Thermostat is a switch that measures the temperature in air conditioners and refrigerators, and programming a computer to monitor and control them.

- Dr. Ponce de Leon's work helps devices work efficiently by connecting all the refrigerators and air conditioners together by a thermostat
- Dr. Ponce de Leon's create software to program the air conditioners and refrigerators in a new, energy-efficient way.
- He used sensors (devices which communicate information back to a computer) to monitor the appliances.
- He used the sensors to monitor how much energy the refrigerators and air conditioners used throughout the day.
- How much electricity uses changes throughout the day.
- Egypt has been increasing its agricultural land to ensure food security.
- Using technology to collect data is crucial in planning for the future.

- Lesson 2:

- Most software programs, like Microsoft Office versions and Google Chrome, are downloaded from the internet.

*** Steps to install software on a Windows PC:**

1) Find the program online.
2) Click the download button.
3) Click on the file, located in Downloads.
4) A box will pop up.
5) Follow the instructions to finish the installation process.

*** Steps to install software on an Android device:**

1) Tap on the Apps icon.
2) Go to the App store (Google Play stores).
3) Find the app you're looking for and click install.

- Software programs often need to be updated.
- Updates help programs to run more efficiently.
- Many programs install necessary updates automatically.
- If you don't use official stores, only download software from reliable sources.
- To solve the problem that the screen has stopped responding, on a Windows computer, press and hold the "Ctrl", "Alt" and "Del" buttons.
- To solve the problem that the screen has stopped responding, on Android device, hold down the power button for 30 seconds and restart.
- Computers use binary to store data more efficiently.
- Computers understand data (numbers) through a binary electrical signal (1 means on, 0 means off)

- Lesson 3:

- Although computers really only understand information represented by 1s and 0s, something also called yes/ no, on/off.
- The binary number system is used to send, receive and store information on digital electronic devices such as computers, phones and calculators.
- Humans use the decimal system to communicate using numbers.
- The decimal system has ten unique numerals (0-9).
- Computers are like a light switch, the computer design is allow only two states: on and off. That's why the binary number system works so well for sending, receiving and storing digital information.

- Lesson 4:

- - Explorer Ponce de Leon understands the importance of planning, uses technology to collect data to plan for the future.
- **Microsoft Word**: Word (in Microsoft Office 365) is an efficient program to use when working on projects.
- Group can members work together at the same time with an internet connection with Microsoft Office 365.
- You can set up a Word document to be edited by numerous users, at different locations, by setting up online editing.
- **Microsoft Paint:** You can save the images you create and insert them into your document.

- Lesson 5:

- You can research, collect, classify and process information using digital information handling skills.
- Excel program used to display data and information in the form of a graph.
- It is best to save data into specific files and folders for different types
- Word program used to write a report.
- Excel program used to create a spreadsheet.
- PowerPoint is used to create a presentation.

- Lesson 6:

- An effective presentation is just like your favorite TV show or movie.
- An effective presentation is just like story you are telling your audience.
- To create an effective presentation, in PowerPoint use different

background colors.

- To create an effective presentation, in PowerPoint, you can insert shapes or your own drawings.
- Graphs and charts are a good way to share data, especially numbers.
- To create an effective presentation, in PowerPoint add audio to enhance a text or image.
- Be sure there's a clear link to the visual displayed data, and that it's not long or distracting.
- Movie Maker is used to make a film from a selection of still images.

Lesson 7:

- Storyboards allow you to plan your ideas and pre-visualize the results of a presentation.
- Using Microsoft PowerPoint to make storyboards can be valuable to help producing an effective presentation.
- A storyboard is a chart that shows a sequence of content that forms a plan or outline of your presentation.
- A storyboard helps you organize your ideas in order.
- A storyboard allows you to tell the story you want in a simple way, and helps you give an organized and understandable presentation.

Lesson 8:

- You can share your story in a variety of ways. You can use PowerPoint, a poster, or you can post it online as a web page.
- **HTML** is an abbreviation for (**H**ypertext **M**arkup **L**anguage): is the language that will be displayed on a web browser.

Tests on Theme 3



Test 1

1 Choose the correct answer:

1. .... is a web browser that comes with Microsoft Windows.
   a. Microsoft Edge　b. Microsoft Word　c. Google Chrome
2. .... is an example of synchronous communication.
   a. Email　b. Live TV show　c. A recorded video
3. Respecting others' privacy is one of your .... as a digital citizen.
   a. rights　b. responsibilities　c. piracy
4. .... provides one of the largest collections of online educational resources all over the world.
   a. The EKB　b. Wikipedia　c. ADL
5. .... is an example of a commercial website.
   a. The EKB　b. Amazon　c. WordPress
6. Ms. Keiner used an app called .... to collect data about PPE litter.
   a. the Debris Tracker　b. Zoom　c. Satellite
7. It's ok to be casual in tone if you're communicating with ....
   a. a person in authority　b. a family member
   c. an unknown person
8. .... help(s) you save time and find information easily.
   a. Icons　b. Menus　c. URL

2 Put (✓) or (✗):

1. Always be sure your message is clear when communicating online. (　)
2. Ms. Keiner was collecting litter data alone. (　)
3. Helpful websites have search engines inside their websites. (　)
4. The EKB offers material that is subject to copyright. (　)
5. Commercial websites often include customer reviews. (　)
6. One of the most famous search engines is Bing. (　)
7. You should not exhibit positive behavior in interactions with others. (　)

Test 2

1 Choose the correct answer:

1. You can be conversational when you are communicating online using ....
   a. familiar words that add warmth b. contractions
   c. a&b
2. .... includes short pieces of information about the website.
   a. Icons b. Menus c. About link
3. Customer reviews help customers decide if they want to .... a particular product or not.
   a. sell b. buy c. check
4. Microsoft Edge is a/an .... that comes with Microsoft Windows.
   a. search engine b. web browser c. anti-virus
5. .... are reference sites that allow you to view museums digitally.
   a. Online libraries b. Online museums c. Online maps
6. .... communication does not occur in real time and does not require an instant response.
   a. Synchronous b. Asynchronous c. a&b
7. Peg Keiner uses .... to spread information about how to safely get rid of the problems of PPE.
   a. social media b. WhatsApp c. the EKB
8. When you start creating your website, you can choose ....
   a. a blank template b. pre-loaded template c. a&b

2 Put (✓) or (✗):

1. The factors affecting climate change are considered one of the most important social issues. ( )
2. Use nicknames if you're communicating with a classmate you don't know well. ( )
3. It is recommended that you create a visually appealing and user-friendly website.. ( )
4. To display an area map, you can check online maps with the help of your teacher. ( )
5. Synchronous communication does not occur in real-time communication. ( )
6. Amazon is an example of a commercial website. ( )
7. You can't download files from the EKB website. ( )

Test 3

1 Choose the correct answer:

1. The Debris Tracker app records the location with ....
   a. VPN   b. GPS   c. IMS
2. .... allow(s) you read more about the site before clicking on the link.
   a. Online libraries   b. Meta information   c. The Egyptian Knowledge Bank
3. If you are writing to a person that you have never, you should .... yourself first.
   a. introduce   b. produce   c. engage
4. .... is an example of a non-commercial website.
   a. The EKB   b. Amazon   c. Jumia
5. If a site is spreading false or harmful information, you should ....
   a. proceed visiting that site
   b. stop visiting that site.   c. stop visiting the internet
6. The EKB and ADL websites have specialized ....
   a. personal information   b. search engines
   c. a&b
7. Select .... in Word's toolbar or in the browser to review possible grammar and spelling errors.
   a. Editor icon   b. Watermark icon   c. Review menu
8. Email, voice, and text messages are examples of .... communication.
   a. synchronous   b. asynchronous   c. a&b

2 Put (✓) or (✗):

1. We should depend on fake reviews when evaluating products and services. (   )
2. Google Maps are considered accurate and are regularly updated. (   )
3. On YouTube, Ms. Keiner used the hashtag #trackingppe. (   )
4. You can be more casual in tone with your teacher. (   )
5. The EKB includes articles, dictionaries, encyclopedias, and videos. (   )
6. Asynchronous communication does not require an instant response. (   )
7. Be sure not to spread false information. (   )

Test 4

1 Choose the correct answer:

1. ________ communication is/are useful when you are writing about everyday matter to family and you need an immediate or quick response.
   a. Synchronous b. Asynchronous c. a&b
2. Personal protective equipment (PPE), such as ________ .
   a. facemasks b. disposable gloves c. a & b
3. ________ are helpful for searching different media, such as images or videos online.
   a. Online libraries b. Online museums c. Online maps
4. Companies help others by addressing environmental concerns or supporting important causes, this is called ________ .
   a. CSR b. GPR c. PPE
5. You can use ________ to check for spelling and grammar.
   a. Microsoft Editor b. Microsoft Excel c. Microsoft Windows
6. When you're communicating with a person of authority, you should ________ .
   a. be respectful b. avoid making jokes c. a&b
7. The purpose of commercial websites is to ________ .
   a. provide information b. raise awareness c. sell products
8. Ms. Keiner used the ________ #trackingppe on Twitter and Instagram.
   a. posts b. tag c. hashtag

2 Put (✓) or (✗):

1. As a digital citizen, you have the right to use the internet whenever you want. ( )
2. You should always be respectful when communicating with others. ( )
3. Extreme reactions to products are usually good indicators of a product's true value. ( )
4. video chats and live TV shows are examples of the asynchronous communication. ( )
5. Peg Keiner decided to spread awareness of the dangers of litter. ( )
6. Online libraries' sources are verified and accurate. ( )
7. The purpose of non-commercial websites is to sell products or services. ( )

Test 5

1 Choose the correct answer:

1. The ability to engage with others online is one of my .... as a digital citizen.
   a. responsibilities b. rights c. privacy
2. The meta information for the sites are placed .... each link.
   a. above b. below c. opposite
3. .... communication is a real-time communication between people.
   a. Synchronous b. Asynchronous c. a & b
4. If you're communicating with a peer you don't know well, be sure to use their ....
   a. first name b. nick name c. abbreviations
5. You can .... each collection into other apps, such as Microsoft Word.
   a. import b. export c. download
6. Peg Keiner is from ....
   a. New York b. Chicago c. China
7. A Creative Commons search is a resource to find .... materials.
   a. copyright-free b. protected c. digital
8. One of the ways usually used to get information about a product is ....
   a. reviews b. advertisements c. a&b

2 Put (✓) or (✗):

1. When you are writing a message, your emotions will be visible to everyone. ( )
2. It is not necessary to use appropriate keywords in your search. ( )
3. When you are on a video call, your feelings are invisible. ( )
4. The Egyptian Knowledge Bank is an example of commercial websites. ( )
5. Synchronous communication is useful when you need an immediate response. ( )
6. The Debris Tracker app can be downloaded on your phone for free. ( )
7. Being socially responsible includes being don't care of the websites you use. ( )
8. The data is stored in Debris Tracker and is available for anyone to download and analyze ( )

Tests on Theme 4



Test 1

1 Choose the correct answer:

1. To add titles or labels of a graph, you can choose .... from the toolbar.
   a. Add Chart Element b. Format c. Change chart type
2. Fossil fuels are found in nature in the form of ....
   a. coal b. natural gas and oil C. a&b
3. Dr. Ponce de Leon used .... to monitor the appliances.
   a. sensors b. thermostat c. bluetooth
4. If you don't use official stores, only download software from .... sources.
   a. trusted b. untrusted c. unknown
5. The .... system is called the base two system.
   a. binary numbers b. decimal c. octal
6. .... are just like your favorite TV show or movie.
   a. The EKB b. Effective presentations c. Tables
7. The font used in a PowerPoint presentation should be smaller than .... point size.
   a. 10 b. 20 c. 30
8. Dr. Ponce de Leon uses technology to collect data to .... for the future.
   a. plan b. manage teams
   c. save renewable energy

2 Put (✓) or (✗):

1. MS word is used to collect numeric data. ( )
2. you should process the collected to get to results and share them with others. ( )
3. WordArt is an amazing Excel feature. ( )
4. The intellectual property rights of others are not important when using their photos or videos. ( )
5. The 10-20-30 rule is used in MS Excel. ( )
6. You can insert audio to enhance the text in your slideshow. ( )
7. You can save a web page from the Edit menu. ( )

Test 2

1 Choose the correct answer:

1. You can use .... to enhance the text or image in your presentation.
   a. audio b. video c. a&b
2. Go to view , then .... to see an overview of your presentation.
   a. Slide Master b. Slide Sorter c. Slide page
3. The web page heading should have a .... font size than the rest of the text.
   a. smaller b. larger c. normal
4. You can use .... to save the images you create and insert them into your document.
   a. Microsoft Word b. Paint c. email
5. You can use the .... sign to subtract the values of cells in Excel.
   a. + b. - c. =
6. Subheadings have a .... font size than headings on web pages.
   a. smaller b. larger c. normal
7. You can use .... program to make a film from a selection of images.
   a. Movie Maker b. Excel c. Word
8. The electricity used by air conditioners in the summer is .... in the winter.
   a. more than b. less than c. the same

2 Put (✓) or (✗):

1. You can insert audio to enhance the text in your slideshow. ( )
2. A PowerPoint Presentation should present too much information. ( )
3. Subheadings have a larger font size than headings on web pages. ( )
4. Egypt uses data and information management systems. ( )
5. There is just one way to produce energy. ( )
6. All software updates require a restart. ( )

Test 3

1 Choose the correct answer:

1. You can insert .... to make text have even more impact in PowerPoint.
   a. audio b. video c. WordArt
2. you can use Microsoft Word to create ....
   a. reports b. web pages c. a &b
3. .... is one of the renewable energy sources.
   a. Natural gas b. The Sun c. Coal
4. .... are considered a good way to share data especially numbers.
   a. Graphs b. Charts c. a&b
5. Computers understand .... signals.
   a. Optical b. electrical C. a&b
6. Humans use the .... system to communicate using numbers.
   a. binary numbers b. decimal c. octal
7. Dr. Diego holds a PhD from the University of ....
   a. Chicago b. California c. New York
8. If you downloaded a software program, you can find the program in the .... folder.
   a. Installed b. Favourites c. Downloads

2 Put (✓) or (✗):

1. Web pages can include audios and videos. ( )
2. Thermostat is a device that communicates information back to a computer. ( )
3. "Screen freezes" is one of the common problems when using PC. ( )
4. The binary numbers system has just two numbers (1&2). ( )
5. One of the tools you may need for a group project is email. ( )
6. You can use more colors on your web page to catch the viewer's eye. ( )
7. Storyboard in MS PowerPoint helps you organize your ideas. ( )



1 Choose the correct answer:

1. .... is the language that will be displayed on a web browser.
   a. Php b. HTML c. Java
2. The time of the PowerPoint presentation should not be longer than .... minutes.
   a. 10 b. 20 c. 30
3. .... is the program that is used to handle the numeric data.
   a. Word b. Excel c. PowerPoint
4. To add titles or labels of a graph, you can choose .... from the toolbar.
   a. Add Chart Element b. Format c. Change chart type
5. You can use .... to send your work to your colleagues.
   a. Microsoft Word b. Paint c. email
6. The .... system is called the base ten system.
   a. binary numbers b. decimal c. octal
7. Computers are simple and efficient like a ....
   a. light switch b. light lamp c. TV
8. To solve the problem of screen freezes, you can use ....
   a. Alt, Del, and Enter b. Alt, Tab, and Shift c. Alt, Ctrl, and Del

2 Put (✓) or (✗):

1. Dr. Diego used technology to reduce energy waste. (   )
2. Web pages just include large images. (   )
3. You must install updates for programs manually. (   )
4. Computers understand information represented by on/off. (   )
5. You can not use alternatives to the normal black-and-white design of your presentation. (   )
6. Microsoft Word is one of Microsoft Office 365 programs. (   )
7. You can not insert an image into a Word document. (   )



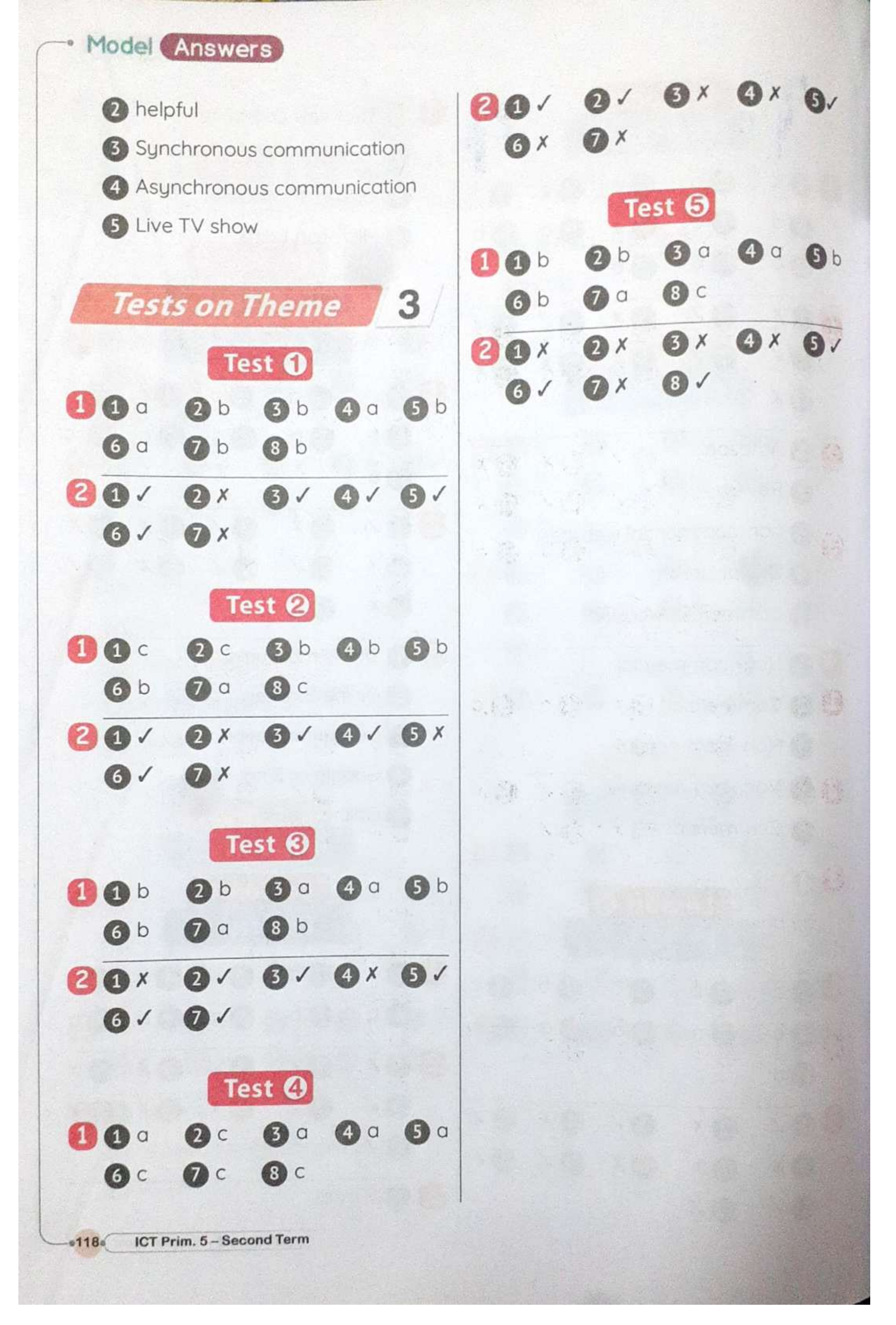
Test 5

1 Choose the correct answer:

1. Dr. Diego develops the use of technology to build data systems related to ....
   a. renewable energy b. fossil fuels c. debris
2. .... allow(s) you to plan your ideas and pre-visualize the results of a presentation.
   a. WordArt b. Storyboards c. Storytelling
3. To turn your device off press and hold down the .... button.
   a. power b. Esc c. enter
4. Thermostat is used in refrigerators to measure the ....
   a. temperature b. energy c. humidity
5. In ...., you can use different background colors.
   a. Web browsers b. PowerPoint c. Excel
6. In MS PowerPoint, you can put an important text in .... font to make that text stand out.
   a. bold b. normal c. small
7. You can create your web page using ....
   a. website-building program b. MS Word
   c. a&b
8. A web page's .... break up information and allow your audience to see what a particular section of your story is about.
   a. heading b. subheadings c. main text

2 Put (✓) or (✗):

1. Dr. Ponce was able to balance the power grid by moving and storing the electricity. ( )
2. Software programs, such as Microsoft Office and Google. ( )
3. All online sources, safe to download programs. ( )
4. The number 7 in the binary numbers system is equivalent to (111) in the binary system. ( )
5. Identifying personal characteristics of team members can benefit the group. ( )
6. You can not attach a document to your email. ( )
7. You can use Microsoft Word to create a web page. ( )



2 helpful
3 Synchronous communication
4 Asynchronous communication
5 Live TV show

Tests on Theme 3

Test 1

1
1 a 2 b 3 b 4 a 5 b
6 a 7 b 8 b

2
1 ✓ 2 ✗ 3 ✓ 4 ✓ 5 ✓
6 ✓ 7 ✗

Test 2

1
1 c 2 c 3 b 4 b 5 b
6 b 7 a 8 c

2
1 ✓ 2 ✗ 3 ✓ 4 ✓ 5 ✗
6 ✓ 7 ✗

Test 3

1
1 b 2 b 3 a 4 a 5 b
6 b 7 a 8 b

2
1 ✗ 2 ✓ 3 ✓ 4 ✗ 5 ✓
6 ✓ 7 ✓

Test 4

1
1 a 2 c 3 a 4 a 5 a
6 c 7 c 8 c

2
1 ✓ 2 ✓ 3 ✗ 4 ✗ 5 ✓
6 ✗ 7 ✗

Test 5

1
1 b 2 b 3 a 4 a 5 b
6 b 7 a 8 c

2
1 ✗ 2 ✗ 3 ✗ 4 ✗ 5 ✓
6 ✓ 7 ✗ 8 ✓

Tests on Theme 4

Test 1

1
1. a
2. c
3. a
4. a
5. a
6. b
7. c
8. a

2
1. ✗
2. ✓
3. ✗
4. ✗
5. ✗
6. ✓
7. ✗

Test 2

1
1. c
2. b
3. b
4. b
5. b
6. a
7. a
8. a

2
1. ✓
2. ✗
3. ✗
4. ✓
5. ✗
6. ✗

Test 3

1
1. c
2. c
3. b
4. c
5. b
6. b
7. b
8. c

2
1. ✓
2. ✗
3. ✓
4. ✗
5. ✓
6. ✗
7. ✓

Test 4

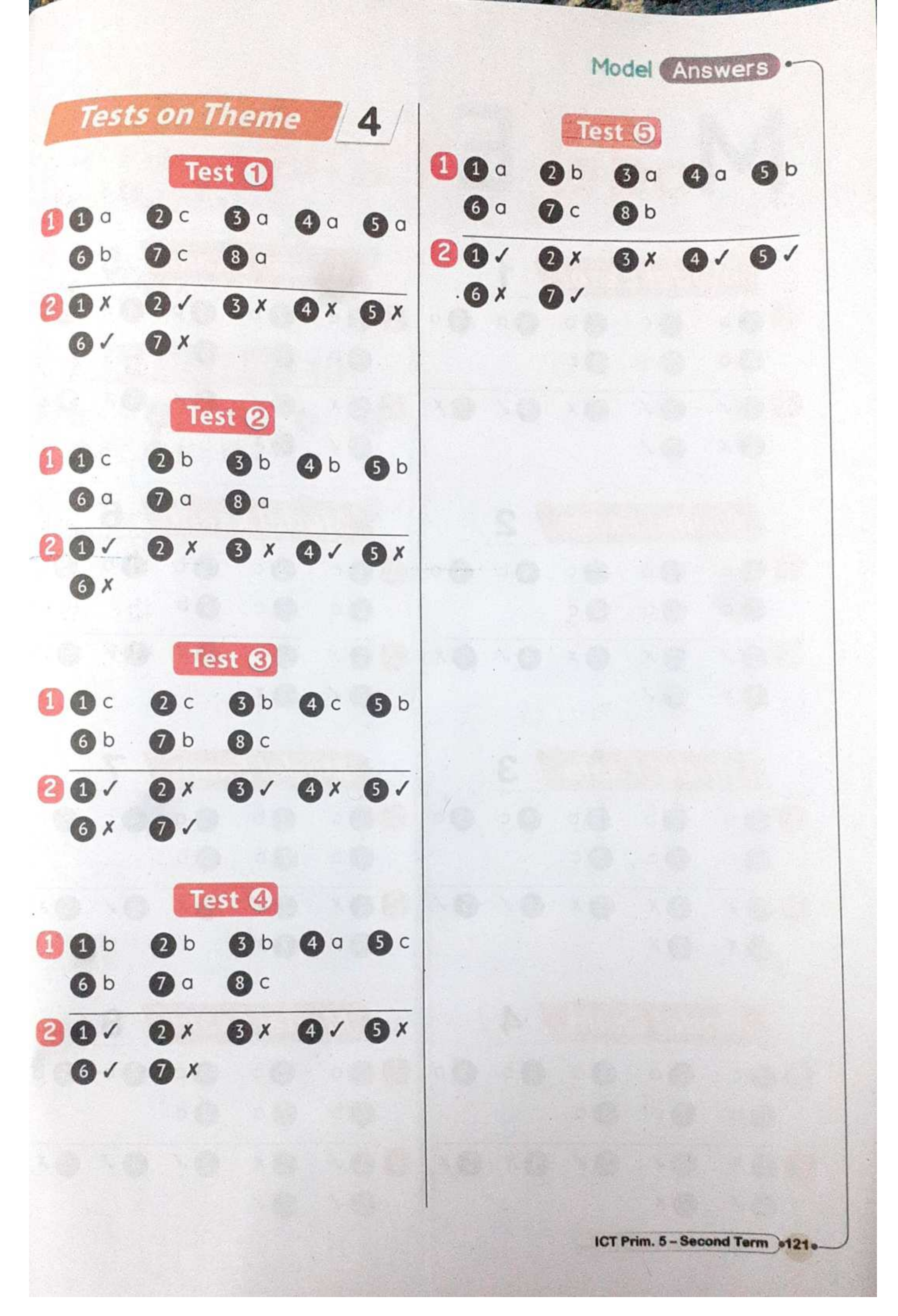
1
1. b
2. b
3. b
4. a
5. c
6. b
7. a
8. c

2
1. ✓
2. ✗
3. ✗
4. ✓
5. ✗
6. ✓
7. ✗

Test 5

1
1. a
2. b
3. a
4. a
5. b
6. a
7. c
8. b

2
1. ✓
2. ✗
3. ✗
4. ✓
5. ✓
6. ✗
7. ✓





Fifth grade primary – second semester
Information and communication technology
lessons (1-4) Review – paper (1)

Q1: Peg Keiner works as .... She is also an ambassador for the Global Goals at the United Nations

A	Director of innovation at a school	B	National Geographic Explorer	C	Both of them

Q2: One of the(PPE) from the Corona virus.......... . and disposable gloves

A	Facemasks	B	Helmet	C	PROTECTIVE WEAR

Q3: ...... application can be used to record data on litter locations and types...

A	Whatsapp	B	Debris Tracker	C	Gps

Q4: To launch a hashtag calling for reducing the use of plastic waste due to its bad impact on the environment, we use.

A	#stopplastic	B	#trackppe	C	#Gogreen

Q5: .... initiative spread awareness of environmental issues in Egypt.

A	Go green	B	a dignified life	C	100 million health

Q6:............... One of your most important responsibilities as a digital citizen

A	Privacy	B	Protection from piracy	C	exhibit positive behavior

Q7: One of your rights as a digital citizen is ....

A	Use the Internet when you need to	B	Respect various sources	C	ensure safe sharing online.

Q8: Stop visiting a website that publishes false or harmful information is considered

A	Digital Citizenship	B	Social Responsibility	C	respect for others

Q9: Internet and social media can be used to help others by ......

A	Contribute to social activities	B	awareness-raising	C	Both of them

Q10: To ask your teacher if he can help you with an assignment, use ....

A	Titles	B	Nicknames	C	jokes

Q11: You can use.......... to invite a close friend of yours to visit you on weekends.

A	Titles	B	Nicknames	C	official identification

Q12: Emotion are difficult to convey by .... So think about it well before

A	Video chats	B	Virtual meetings	C	text messages

Q13: You should always use .... while communicating online

A	Emojis	B	Negative words	C	Positive word

Q14:You can use .... only if the person you communicate with uses it first

A	Emojis	B	Negative words	C	Positive word

Q15: It is easy to misinterpret online communication, so always try to identifythe person's meaning by........

A	being conversational	B	assume the best	C	adding emojis

Q16:...... website is one of the trusted electronic library sites on the Internet

A	Alexandria Digital Library	B	Egyptian Knowledge Bank	C	Both of them



Fifth grade primary – second semester
Information and communication technology
lessons (1-4) Review – paper (2)

Q17: Egyptian Knowledge Bank provides..............

A	Safe and accurate sources	B	Content not suitable for all ages	C	Paid use for Egyptians

Q18: The presence of........ inside the site is one of the most important features of useful websites.

A	Video clips	B	Possibility to download files	C	search engine

Q19: .... Helps you in finding information, as it includes clear titles and information about the content

A	Menus	B	Search Engines	C	Icons

Q20: By Clicking on .... you can access other sections or web pages of the website.

A	Menus	B	Search Engines	C	Icons

Q21: ....link includes short pieces of information providing an overview of the website.

A	Contact	B	About	C	Search engine

Q22: Programs such as .... are used to create websites.

A	PowerPoint	B	Excel	C	Word press

Complete the following sentences with suitable words from the brackets:

(Debris tracker – GPS – face masks – Twitter – WhatsApp – go green)

1 – .... application used to track litter and can be downloaded on phones for free.

2- We must ensure the safe disposal of the (ppe) from Corona, such as.......................

3- The litter tracker application allows accurate litter locations to be recorded by ....

4- The social media platform .... can be used to launch a hashtag for environmental awareness campaigns.

5- The Egyptian Ministry of Environment launched the .... initiative to spread awareness of environmental issues.

(Information sources – social responsibility – rights – institutions – conditions – digital citizenship)

1 – one of the .... that you have as a digital citizen is protection from piracy.

2 – exhibit positive behavior in interactions with others is one of the most important .... As a digital citizen.

3- ....should always be. Accurate and easy to understand.

4- Be careful about the clarity of the information you share and its purpose considered.................

5- .... addressing environmental concern by providing support for important causes, which defines the social responsibility of institutions.



Fifth grade primary – second semester
Information and communication technology
lessons (1-4) Review – paper (3)

Complete the following sentences with suitable words from the brackets:

(up front – Text Messages – Emojis – jokes – Nicknames – Ending)

1- You should avoid .... if you are communicating with your teacher or a responsible person.

2- To write a message formally, State your reason for sending the message ....

3- The use of .... appropriate only among close friends.

4- feelings are more difficult to convey through .... sometimes.

5- only use .... if the person you are communicating with uses them first.

(Search engine – about – wordpress – Egyptian Knowledge Bank – lists – copyright – excel)

1- The .... site is an example of reliable electronic library sites on the Internet.

2- Egyptian Knowledge Bank's material is subject to ....

3- The site's results are based on what you type in the................ field.

4- .... helps in finding information, and it also includes clear titles and information about the content.

5 -........... link may include short pieces of information providing an overview of the website..

6 – You can use programs such as. .... to create websites.

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

1	Debris Tracker application is used to track waste and record its data	
2	Debris Tracker application uses the GPS system to accurately record the location of the waste	
3	You can download the Debris Tracker app for an additional fee on your mobile phone.	
4	Pig Kenner was collecting waste data on its own	
5	You can use social platforms such as Twitter and Instagram to launch environmental awareness campaigns.	
6	Go Green initiative aims to spread awareness of environmental issues.	
7	Sharing and obtaining information online is one of the responsibilities that you are committed to as a digital citizen.	
8	Ensuring secure online sharing is one of the responsibilities that you are committed to as a digital citizen.	
9	Protection against piracy is one of your most important rights as a digital citizen.	
10	Pig Kenner uses social media to disseminate information for the safe disposal of PPE.	



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Information and communication technology
lessons (1-4) Review – paper (4)

11	You must ensure that the sources of information you use are accurate and easy to understand.	
12	The clarity and purpose of the information you share online does not matter.	
13	Paying attention to the websites you visit is a form of social responsibility.	
14	Many organizations include tasks related to social responsibility in their business plans.	
15	Institutions provide support to local communities all over the world, which is known as the social responsibility of institutions.	
16	You can use jokes in your communication with your teachers.	
17	If you have not met the person you are writing to before. Do not introduce yourself.	
18	When sending a message, State your reason for sending the message up front.	
19	If you are communicating with a colleague you do not know well, you can use nicknames.	
20	The use of abbreviations and nicknames is appropriate only between close friends.	
21	It is difficult to convey feelings and emotions through video chats.	
22	You should use positive words while communicating online.	
23	Correct grammar and spelling rules must be used during the online dialogue	
24	You can use emojis at any time through official communication.	
25	An example of negative communication on the Internet is the use of familiar and encouraging words	
26	You can download files to a device through the Egyptian Knowledge Bank for free.	
27	The content in the Egyptian Knowledge Bank may not be suitable for all ages.	
28	Egyptians pay additional fees for using the Egyptian Knowledge Bank.	
29	The Egyptian Knowledge Bank contains sources that are subject to copyright.	
30	Search engines within the site provide results based on what you type in the field	
31	Menus help you access other sections or web pages	
32	Icons include clear titles and content information	
33	The "About" link can be contacted by the founders of the website	
34	Programs such as PowerPoint are used to create websites	
35	WordPress Program provides free website design tools	
36	be sure to consider the photos and videos, and font size/type. You want your site to be user friendly and visually appealing.	



Fifth grade primary – second semester
Information and communication technology
lessons (5-8) Review – paper (1)

Q1: The purpose of commercial websites is....

A	selling products	B	providing information	C	raising awareness

Q2: The purpose of non-commercial sites is ....

A	selling products	B	providing services	C	providing information

Q3: .... website is an example of commercial sites

A	Amazon	B	EKB	C	Library of Alexandria

Q4: .... website is an example of a non-commercial website

A	Amazon	B	EKB	C	Facebook

Q5: .... Helps customers in making a decision to buy a specific product or not.

A	reviews	B	advertisements	C	Prices

Q6: Commercial websites often include a section to............... through which customers express their opinions on the product.

A	Advertisements	B	reviews	C	Prices

Q7: beware of fake reviews or exaggerated positivity, as you usually write them ....

A	the companies themselves	B	the buyers themselves	C	the commercial sites themselves

Q8: Websites can place .... that are geared towards your interests, geographic location, age, and gender

A	Advertisements	B	reviews	C	Prices

Q9: Amira likes to watch funny videos about pets, and therefore ....ads appear to her

A	new watches	B	clothes and shoes	C	cat food

Q10: The .... feature in Microsoft Edge organizes the search in one place and on multiple devices

A	Collections	B	reading mode	C	family settings

Q11:In.............. You can also export each collection to other apps such as Excel and Word.

A	Google Chrome	B	Microsoft Edge	C	Internet Explorer

Q12: You can export each collection in Microsoft Edge to other applications such as ....

A	Excel	B	PowerPoint	C	Skype

Q13: To start a collection, select the collection on the .... bar in Microsoft Edge.

A	Menus	B	Tool	C	Favorite

Q14: You can use the .... program to check to check for spelling and grammar.

A	Microsoft excel	B	Microsoft PowerPoint	C	Microsoft Editor

Q15: Select the .... icon in Word's toolbar, or in the browser, to review possible grammar and spelling errors

A	Editor	B	Favorite	C	Dictate

Q16: The editor identifies problems such as ...., then submits a proposal to correct each error.

A	Capitalization	B	punctuation	C	Both of them

Q17: You can choose and drag .... to add content to your Collection in Microsoft Edge.

A	Images	B	Links	C	Both of them



Fifth grade primary – second semester
Information and communication technology
lessons (5–8) Review – paper (2)

Q18: .... helps you online to search for different media such as images and video.

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q19: To display a street while going on a school trip, you have to use ....

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q20: To find out information about a museum via the Internet, you can use ....

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q21: Sometimes ....search engines may lead you to unreliable pages, or even worse, to unsafe pages.

A	Specialized	B	General	C	ONLINE LIBRARIES

Q22: Online libraries such as the .... site contain safe and accurate information

A	Alexandria Library	B	EKB	C	Both of them

Q23: A friend of yours wants to search for dictionaries online, so you advised him to visit

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q24: Online maps, such as ...., can provide clear and accurate directions to the required places

A	Microsoft edge	B	Google maps	C	Google chrome

Q25: A friend of yours from abroad wants to see the Grand Egyptian Museum via the Internet, so you advised him to use ....

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q26: .... website is one of the specialized and useful search engines.

A	Google	B	Bing	C	Both of them

Q27: the information under each link in a set of search results for a topic.

A	Advertisements	B	meta information	C	reviews

Q28: .... allows you to read more about the site before clicking on its entry link in the search results

A	Advertisements	B	meta information	C	reviews

Q29: One of the digital tools for asynchronous communication is .... which does not require an immediate response

A	video chats	B	e-mail	C	live tv shows

Q30: One of the digital tools for synchronous communication is .... which is during real time between people.

A	e-mail	B	recorded videos	C	instant chat rooms

Q31: Synchronous communication is useful when .... and you need an immediate response

A	writing a lighthearted	B	writing formal	C	complicated matters

Q32: Asynchronous communication is useful when communicating with an.................. person and you do not need an immediate response from him

A	Un know	B	Authority	C	Both of them

Q33: When you send a message to a close friend, he needs time to respond, so you have to be ....

A	Polite	B	patient	C	clear



Fifth grade primary – second semester
Information and communication technology
lessons (5-8) Review – paper (3)

Complete the following sentences with suitable words from the brackets:

(Egyptian Knowledge Bank – Misleading – Amazon – Ads – Google – reviews)

1 – ....web site is an example of commercial sites, as it provides many services in the sale of products.

2- Commercial websites often include a section devoted to .... showing customers' opinions on products.

3 – .... is an example of a non-commercial site for providing information. (Knowledge Bank)

4 – Some reviews may be .... Therefore, a comment that overly positivity or negativity should not be trusted.

5 – Websites place ...., that are geared towards your interests, geographic location, age, and gender.

(Excel – Editor – Collections- PowerPoint – Suggestions – Refinements)

1- The .... feature in Microsoft Edge organizes the search in one place and on multiple devices.

2- You can export Collections in Microsoft Edge to other applications such as ....

3- Additional tools are available in the Microsoft Editor called .... such as punctuation conventions and vocabulary.

4- to review spelling errors. Select the...... icon from the toolbar in the word program

5 – Microsoft Editor identifies errors and then make .... to correct each error.

(Microsoft Edge – Bing – Online Libraries – Online Museums – Google Maps – Online Maps)

1- .... sometimes contains dictionaries, and encyclopedias.

2- If you need to view a street or a map of an area, you should use ....

3- It allows you .... to watch the Monuments on your digital device.

4- .... is one of the most famous specialized search engines online.

5 –....... application provides clear and accurate directions to the required places.

(Asynchronous – Email – Instant Chat Room – Synchronous – Clear – Complex)

1-.............communication is useful in case you need a quick or direct response.

2 –................... communication is useful in the case of communication with a responsible person or a person you do not know

3 – One the Synchronous communication tools is .... where everyone interacts and receives information in real-time.

4 – One of the asynchronous communication tools is........... to communicate formally with your teachers.

5 – Always make sure that your message is .... and read it back to yourself before sending it



Fifth grade primary – second semester
Information and communication technology
lessons (5–8) Review – paper (4)

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

1	The Alexandria Digital Library website is a <u>commercial</u> website.	
2	Amazon is a commercial site.	
3	Reviews help in making a decision to buy a particular product or not.	
4	You should beware of fake Reviews, as the company usually writes them themselves.	
5	Reviews may be <u>useful</u> when they are exaggerated, positive or negative.	
6	Overlay Reviews towards products are usually not a good indicator of product value.	
7	Information about a product can <u>only</u> be obtained through reviews .	
8	Websites place(ads) advertisement based on what you visit and follow online	
9	web sites often place ads that do <u>not geared</u> towards your interests .	
10	"If I could, I'd give this product a zero! It's so bad!" This comment is overly negative.	
11	The Collections feature in <u>Google Chrome</u> organizes searches in one place .	
12	You can add entire web pages, images, or text to your collection in Microsoft Edge.	
13	Collections in Microsoft Edge can be exported to other applications such as <u>PowerPoint.</u>	
14	To create a Collection, we select Collection and click "start a new Collection ", then write its title in the box.	
15	You can use Microsoft Editor to check grammar and spelling.	
16	Microsoft Editor make suggestions for correcting each error in the written text, and you <u>must implement them.</u>	
17	Microsoft Editor provides other tools (Refinements) such as punctuation conventions .	
18	To review possible grammar errors, choose the editor icon from the <u>menu</u> bar in Word.	
19	the Library of Alexandria and the Egyptian Knowledge Bank sites include safe and accurate information.	
20	Digital maps such as <u>Google chrome</u> can provide clear directions to the required places.	
21	You can use <u>online libraries</u> to view museums digitally.	
22	You must use appropriate keywords in your search otherwise some results may not be relevant.	
23	<u>Specialized</u> search engines may lead you to unsafe or unreliable pages.	
24	It is possible to determine whether the site is reliable or not through the data that shows the site's copyright.	
25	Websites include descriptive information such as meta information	
26	meta information in search results allows you to read more about a site before visiting it.	
27	<u>Synchronous</u> communication is useful if it is about a complicated matters or someone you do not know well.	
28	Asynchronous communication is useful when you do not need an immediate response .	
29	Voice and text messages, and recorded video are <u>synchronous</u> communication tools.	
30	Video chats and live TV shows are synchronous communication tools	
31	If a friend of yours needs your help communicating online, share what you know	
32	Always make sure your message is clear. And read it back to yourself before sending it so you don't get misunderstood.	



Fifth grade primary – second semester
Information and communication technology
lessons (1-4) THEME (4) Review – paper (1)
The third lesson is enriching for information only

Q1: Dr. Ponce de Leon hold a Ph.D. in ....

A	Energy and resources	B	Civil engineering	C	Industrial chemistry

Q2: Ponce de Leon develops systems for data related to ....

A	animal welfare	B	renewable energy	C	computer science

Q3: The world has witnessed great progress in the transition to electricity generation through renewable energy such as ....

A	wind power	B	solar power	C	Both of them

Q4: The world has become less dependent on fossil fuels extracted from ....

A	Oil	B	Natural gas	C	Both of them

Q5: It is possible to increase the efficiency of electrical appliances by connecting them to .... to control their temperature.

A	Thermostat	B	Sensors	C	Bluetooth

Q6: .... is used to send information about appliances temperatures to the computer connected to it

A	Thermostat	B	Sensors	C	Bluetooth

Q 7: .... is used to measure the temperature in air conditioners and refrigerators, to monitor and control it.

A	Thermostat	B	Sensors	C	Bluetooth

Q8: .... is used to monitor the amount of energy consumed by refrigerators and air conditioners throughout the day.

A	Thermostat	B	Sensors	C	Bluetooth

Q9: The amount of energy used by refrigerators in the summer .... from the amount used in the winter.

A	is greater than	B	is less than	C	is equal to

Q10: The electricity grid can be balanced by............... Thus, we will save on electricity

A	Transmission from one place to another	B	Storing and distributing it equally	C	Both of them

Q11: Egypt has a data and information management system with the aim of .... to ensure the achievement of food security.

A	Increasing the agricultural land	B	Controlling floods	C	Reducing population increase

Q12: Egypt has a data and information management system with the aim of increasing the agricultural area to ensure ....security

A	Water	B	Food	C	cyber

Q13: The data and information management system in Egypt helps engineers make decisions to develop.................................. systems

A	Education	B	Transportation	C	Irrigation

Q14: If you are not using the official software stores, be sure to download software from

A	reliable sources	B	unreliable sources	C	free sources



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lessons (1-4) THEME (4) Review – paper (2)
The third lesson is enriching for information only

Q15: To install the software on the computer, click on the download button from the Internet. You will find the file in the .... folder.

A	Pictures	B	Downloads	C	Documents

Q16: To download an application on your phone, you must first press the .... icon on your mobile phone.

A	Apps	B	Settings	C	messaging

Q17: To download an application on your mobile phone, you must go to the application store, such as.................

A	Google Maps	B	Google drive	C	Google play stores

Q18: You can help the program to work efficiently by.......................

A	Delete it	B	Update it	C	Restart it

Q19: Updates are installed.................... in most programs from the internet

A	Automatically	B	Manually	C	By search

Q20: Some large updates on computers may require..............

A	Delete updates	B	Shut down computer	C	Restart computer

Q21: To manage updates on your computer, choose .... from Settings

A	Troubleshooting	B	Update and Security	C	Windows Firewall

Q22: To open the task manager on the computer, press and hold the...... buttons together

A	Ctrl+shift+Del	B	Ctrl+Alt+Del	C	Enter+Alt+Del

Q23: You can Use the task manager to close any program classified as .... in case the screen freeze.

A	Responding	B	not responding	C	working regularly

Q24: If your attempts to restore your computer did not succeed, you should press for a few seconds on ...., then restart.

A	power button	B	Mouse	C	keyboard

Q25: To solve the screen freeze problem on Android devices. Press the power button for .... seconds.

A	20	B	30	C	40

Q26: Computers use the .... system to store data more efficiently.

A	Binary	B	Octal	C	decimal

Q27: The binary system uses the two values............... to express the numbers in it.

A	(1,10)	B	(1,1)	C	(1,0)

Q28: Computers understand data (numbers) through .... signals.

A	Sound	B	Light	C	electric

Q29: In the electrical signals used by the computer to understand the data, the number .... means turning on.

A	0	B	1	C	2

Q30: In the electrical signals used by the computer to understand the data, the number .... means off.

A	0	B	1	C	2



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lessons (1-4) THEME (4) Review – paper (3)

The third lesson is enriching for information only

Q31: Users from around the world can edit the same document if an internet connection is available via

A	Office 365	B	Skype	C	WhatsApp

Q32: Users from around the world can edit the same document if the .... feature is activated.

A	Online search	B	Online editing	C	Online publishing

Q33: Users from around the world can edit the same document through Office 365 if .... is available

A	internet connection	B	keyboard	C	Printer

Q34: Through ...., you can create and save images to be included in the document.

A	Word	B	Excel	C	Paint

Q35: Before starting your project, you should .... based on the strengths and interests of each individual in the group.

A	Defining needs	B	Assigning roles	C	Defining tools

Q36: .... can be used to send your work to others within the project working group

A	E-mail	B	instant messaging	C	video chats

****



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lessons (1-4) THEME (4) Review – paper (4)
The third lesson is enriching for information only

Complete the following sentences with suitable words from the brackets:
(sensors – save electricity – food security – thermostat – water security – solar power)
1 – Many countries have Transition away from power generated by fossil fuels Instead, ... are being used
2 – The temperature in air conditioners can be measured by .... to control the temperature.
3 – We can monitor the amount of energy used by refrigerators and air conditioners by .... throughout the day
4- Electricity can be stored and moved from one place to another to ....
5- Egypt has a data management system to increase the agricultural land to ensure........................

Complete the following sentences with suitable words from the brackets:
(Google Play Store – Automatically – Update and Security – Restart – Update)
1 – After downloading the program from the Internet, open the .... folder to find the file to install.
2 – Installing updates in Android You need to go to .... for the application whose updates you want to install.
3 – Software should be .... regularly to help it work more efficiently.
4 – In most programs, updates are .... installed
5 – To manage Updates in Computer Select .... from Settings. Then choose System Update.

Complete the following sentences with suitable words from the brackets:
(Internet connection- Image – Weakness -MS Paint – Strength – Email)
1- .... program is used to modify and save images and graphics.
2-............... one of the digital tools that are used to send a document
3 – a Word document can be edited by numerous users, at different locations with...............
4 – You can attach a document or .... to your e-mail message
5 – The roles in the project are assigned based on............... . for everybody .



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lessons (1-4) THEME (4) Review – paper (5)
The third lesson is enriching for information only

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

1	Thermostats must be dispensed with to increase the efficiency of electrical appliances	
2	Using technology to collect data is crucial in planning for the future	
3	Fossil fuels are extracted from coal, natural gas and oil	
4	Egypt has a data management system for increasing the agricultural land and ensuring food security	
5	The use of energy data management systems leads to wastage of electricity	
6	The world has recently turned to generate electricity from solar and wind energy	
7	Sensors can be used to monitor the amount of energy used by appliances	
8	The amount of energy used by a village does not change throughout the day	
9	The energy used by air conditioners in the summer is greater than in the winter	
10	moving and storing the electricity from one place to another so that the amounts are more equal evenly leads to waste of electrical energy	
11	Egypt's data system data helps engineers develop irrigation systems	
12	Most of the programs can be downloaded through the Internet	
13	Always make sure to download applications from official stores or trusted sites	
14	To find the software you downloaded, open the Documents folder on your computer	
15	Google Play stores is one of the most popular official app stores	
16	To install an application on an Android device, search for it in the App Store and press the Update button	
17	Software should be updated regularly to help it run more efficiently	
18	Most software updates are installed manually	
19	To check for updates on your Android device, go to System, then System update	
20	You must follow the instructions to install updates in Android devices correctly	
21	To solve the of the screen freeze problem in computer, press and hold Ctrl+Alt+Shift	
22	When the screen freeze on mobile device, press the power button for 30 seconds, restart	
23	Computers use the octal system to store data more efficiently	
24	Binary numbers can be considered a language that computers understand	
25	The binary system uses two values (1,0) to express the numbers in it	
26	The computer understands binary electrical signals, so (1) means off and (0) means on	
27	MS word allows group members to work together at the same time	
28	Drawings can be added to a Word document	
29	It is preferable that roles in projects be assigned randomly	
30	You can use email to send your project to your teacher	
31	Roles are assigned in the project based on the features and strengths of each individual	
32	Paint program is used to edit and save images	
33	setting up the online editing feature allows multiple users to edit the same document	
34	Internet is not required to allow modification to a file through the online modification feature	



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lessons (5-8) THEME (4) Review – paper (1)

Q1: Which of the following formulas is a correct formula for adding numbers in two cells in Excel?

A	=B2+C1	B	B2 + C1	C	=B2/C1

Q2: To add a group of numbers automatically, we select the cells and then choose .... from the Home tab

A	Clear	B	Autosum	C	Fill

Q3: To add a title to a graph or chart from the toolbar – Chart Design and choose ....

A	Quick layout	B	Format	C	Add a chart element

Q4: To choose a color for the graph or a chart from the chart design toolbar and choose

A	Quick layout	B	Format	C	Add a chart element

Q5: To choose the type of graph or chart from the chart design toolbar, choose ....

A	Change chart type	B	Add a chart element	C	Quick layout

Q6: To choose the layout of the graph or chart from the chart design toolbar and choose

A	Change chart type	B	Add a chart element	C	Quick layout

Q7: You can control the different characteristics of the graph or chart through ....

A	menu bar	B	Toolbar	C	formula bar

Q8: When researching a topic, you must first ....

A	Collect information	B	Use the internet	C	define a research question

Q9: From the sources that do not need an Internet connection to search for information ..

A	Egyptian Knowledge Bank	B	Electronic books on your device	C	Alexandria Electronic Library

Q10: You can use .... to collect information (for numeric data) in a useful way.

A	Word	B	PowerPoint	C	Excel

Q11: While collecting information, you have to put the data in different files and folders according to their ....

A	Types	B	Sizes	C	reliability

Q12: In Excel, ... is an example for classifying and displaying drawn data.

A	Formulas	B	Graphs	C	Tables

Q13: You can use.............. to prepare a report and share it with others.

A	Word	B	Excel	C	Power point

Q14: You can use .... to prepare spreadsheets and share them with others.

A	Word	B	Excel	C	Power point

Q15: You can use .... to prepare a presentation and share it with others.

A	Word	B	Excel	C	Power point

Q16: In word program, you can use .... to display important information in an appealing way.

A	Images	B	Text	C	tables

Q17: In word ,You can put important text in .... to make key information stand out.

A	bold	B	Italic	C	ornate

Q18: In word ,You can insert .... to make text have even more impact.

A	Smart art	B	Shapes	C	Word art

Q19:................... gives you the option to use different colors for the background.

A	Power point	B	Word	C	Excel

Q20: .... Can reflect the topic of your message can catch the viewer's eye.

A	photographs	B	Figures	C	graphs



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lessons (5-8) THEME (4) Review – paper (2)

Q21: .... is a good way to share data, especially numbers.

A	graphs	B	Charts	C	Both of them

Q22: we add .... to enhance the text, provided that it is related to the displayed data and is not distracting.

A	graphics	B	Audio	C	video clips

Q23: we use .... in the presentation to improve the presentation.

A	audio	B	video clips	C	Both of them

Q24: we use .... to make a film from a selection of still images.

A	PowerPoint	B	Movie Maker	C	Word

Q25: You must respect............ when using image files and video clips in the presentation.

A	Intellectual property	B	Quality	C	Diversity of sources

Q26: .... is a chart that shows a sequence of content that forms a plan or outline of your presentation.

A	slide	B	Storyboard	C	slide sorter

Q27: we use............... to make storyboards can be valuable to help producing an effective presentation.

A	Excel	B	Word	C	PowerPoint

Q28: .... allow you to plan your ideas and pre-visualize the results of a presentation.

A	slide master	B	slide sorter	C	storyboards

Q29: You can get an overview of your presentation by going to view and choose........

A	slide sorter	B	notes page	C	reading display

Q30: .... allows you to tell the story you want in a simple way and to provide an organized and understandable presentation.

A	storyboard	B	slide master	C	notes page

Q31: To apply the rule (10-20-30) in a presentation, the duration of the presentation should no longer than............. minutes.

A	10	B	20	C	30

Q32: To apply the rule (10-20-30) the presentation, should up to .... slides only

A	10	B	20	C	30

Q33: To apply the rule (10-20-30) in the presentation, the font size should not be smaller than ....

A	10	B	20	C	30

Q34: You can use the .... tab, which offers alternative options to the normal black and white design

A	Design	B	Presentation	C	Transitions

Q35: ....is the language that will be displayed on the Internet browser , also called the hypertext markup language.

A	Php	B	HTML	C	java

Q36: Files can be saved as a web page in the word program by choosing .... while saving

A	Word document	B	PDF	C	Web page

Q37:.........written in a larger font that catches your audience's attention. on the web page

A	Heading	B	Subheadings	C	Text



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lessons (5-8) THEME (4) Review – paper (3)

Complete the following sentences with suitable words from the brackets:

(Research question – Autosum – word – quick layout – Excel – change chart type)

1 – To add numbers automatically in Excel, select the required cells and choose ....

2 –To Choose the layout of a graph/chart: Toolbar Chart Design ....

3 – When researching a topic, first define a ....

4 – You can use .... to for numeric. Collecting

5 – You can use .... to prepare a report and share it with others.

Complete the following sentences with suitable words from the brackets:

(PowerPoint – movie maker – digital citizenship – word art – intellectual property – Graphs)

1 – You can insert .... in word program to make text have even more impact..

2 – In................, you can use different colors for the background.

3-................is a good way to share data, especially numbers.

4- You can use.................. to make a film from a selection of still images

5 – You must respect the............... when using photo and video files

Complete the following sentences with suitable words from the brackets:

(10 – 20 – 30 – slide sorter – storyboard – charts)

1- .... allows you to plan your ideas and visualize the results of work in advance.

2 – To get an overview of your presentation, choose .... from the Presentation tab

3- The duration of the presentation should no longer than .... minutes

4 – It is preferable that the font size in the presentation not be smaller than ....

5 – It is preferable that the presentation up to .... slides only

Complete the following sentences with suitable words from the brackets:

(heading – Text – Subheadings- HTML – Web Layout – WEB PAGE)

1 – .... is the hypertext markup language, and it is the language that will be displayed on the Internet browser.

2 – You can save the file as a web page by choosing .... while saving.

3- Your story should have a web page ....that catches your audience's attention with a large font

4 –................. breakup information and allow your audience to see what a particular section of your story is about.

5- The font size of the .... that presents the story must be appropriate, clear and smaller than the subheadings



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lessons (5-8) THEME (4) Review – paper (4)

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

1	To automatically add up numbers in cells, select them and then choose autosum .	
2	You can choose a color for the chart from the toolbar - Chart Design - Format	
3	You can choose a chart type from the toolbar – Chart Design – Quick layout.	
4	You can choose a chart layout from the toolbar - Chart Design - Change Chart Type.	
5	When researching a topic, first determine the sources that you will use in your research.	
6	During the research process, you can use sources that do not need an Internet connection, such as e-books in the school library	
7	You can use word program to collect numeric data.	
8	While collecting information, make sure to put the data in files and folders according to their different types.	
9	graphs are one example of how you can classify and provide a visual representation of data drawn in the form of a graph.	
10	After researching, collecting and classifying information, your goal becomes to process it in order to reach and share results.	
11	You can use PowerPoint to prepare and share a written report.	
12	You can use Excel to create a spreadsheet.	
13	You can use text in italic to make key information stand out in Word.	
14	You can insert word art to increase the effect of text in word program.	
15	In PowerPoint, you do not have the option to use different background colors.	
16	In a presentation, photographs that reflect your topic can catch the audience's attention.	
17	Graphs and charts are a good way to share data, especially numbers.	
18	You can add audio to enhance the text and its link to the displayed data does not matter.	
19	Make sure that the audio is very long to enhance the text in your presentations.	
20	You can use the video available on the Internet in the presentation.	
21	You can use movie maker to make a film from a selection of still images.	
22	You can use movie maker to make a film from a selection of animated images.	
23	Intellectual property rights must be respected when using photo files and video clips.	
24	Using excel can be useful for preparing story boards effectively.	
25	storyboard helps you organize your ideas in a sequence and tell the story in a simple way.	
26	Storyboard allow you to plan your ideas and visualize the results of your presentation	
27	You can get an overview of your presentation through the storyboard.	
28	A presentation doesn't have to provide a huge amount of information or take a lot of time.	
29	It is recommended that the number of slides in the presentation not more than (20) slides.	
30	The duration of the presentation should no longer than 20 minutes	
31	The font size used in the presentation should not be smaller than (10).	
32	You can use word to create your web page.	
33	You can save the word file as a web page by choosing Web page while saving.	
34	The language displayed on the internet browser is called html and is known as hypertext markup language.	
35	Headings breakup the information on a web page and let the audience know about the topic.	
36	The text size of the webpage should be appropriate and smaller than the subheadings	
37	Decorative fonts are recommended to keep your message easy to read on the web page	
38	You can include images to reflect the message or provide information to the content of the web page	



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lessons (1-4) Review - paper (1)

Q1: Peg Keiner works as .... She is also an ambassador for the Global Goals at the United Nations

A	Director of innovation at a school	B	National Geographic Explorer	C	Both of them

Q2: One of the(PPE) from the Corona virus.......... . and disposable gloves

A	Facemasks	B	Helmet	C	PROTECTIVE WEAR

Q3: ...... application can be used to record data on litter locations and types...

A	Whatsapp	B	Debris Tracker	C	Gps

Q4: To launch a hashtag calling for reducing the use of plastic waste due to its bad impact on the environment, we use.

A	#stopplastic	B	#trackppe	C	#Gogreen

Q5: .... initiative spread awareness of environmental issues in Egypt.

A	Go green	B	a dignified life	C	100 million health

Q6:............... One of your most important responsibilities as a digital citizen

A	Privacy	B	Protection from piracy	C	exhibit positive behavior

Q7: One of your rights as a digital citizen is ....

A	Use the Internet when you need to	B	Respect various sources	C	ensure safe sharing online.

Q8: Stop visiting a website that publishes false or harmful information is considered

A	Digital Citizenship	B	Social Responsibility	C	respect for others

Q9: Internet and social media can be used to help others by ......

A	Contribute to social activities	B	awareness-raising	C	Both of them

Q10: To ask your teacher if he can help you with an assignment, use ....

A	Titles	B	Nicknames	C	jokes

Q11: You can use.......... to invite a close friend of yours to visit you on weekends.

A	Titles	B	Nicknames	C	official identification

Q12: Emotion are difficult to convey by .... So think about it well before

A	Video chats	B	Virtual meetings	C	text messages

Q13: You should always use .... while communicating online

A	Emojis	B	Negative words	C	Positive word

Q14: You can use .... only if the person you communicate with uses it first

A	Emojis	B	Negative words	C	Positive word

Q15: It is easy to misinterpret online communication, so always try to identifythe person's meaning by........

A	being conversational	B	assume the best	C	adding emojis

Q16:....... website is one of the trusted electronic library sites on the Internet

A	Alexandria Digital Library	B	Egyptian Knowledge Bank	C	Both of them



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lessons (1-4) Review - paper (2)

Q17: Egyptian Knowledge Bank provides..............

A	Safe and accurate sources	B	Content not suitable for all ages	C	Paid use for Egyptians

Q18: The presence of....... inside the site is one of the most important features of useful websites.

A	Video clips	B	Possibility to download files	C	search engine

Q19: .... Helps you in finding information, as it includes clear titles and information about the content

A	Menus	B	Search Engines	C	Icons

Q20: By Clicking on .... you can access other sections or web pages of the website.

A	Menus	B	Search Engines	C	Icons

Q21: ....link includes short pieces of information providing an overview of the website.

A	Contact	B	About	C	Search engine

Q22: Programs such as .... are used to create websites.

A	PowerPoint	B	Excel	C	Word press

Complete the following sentences with suitable words from the brackets:

(Debris tracker - GPS - face masks - Twitter - WhatsApp - go green)

1- .... application used to track litter and can be downloaded on phones for free.

2- We must ensure the safe disposal of the (ppe) from Corona, such as.......................

3- The litter tracker application allows accurate litter locations to be recorded by ....

4- The social media platform .... can be used to launch a hashtag for environmental awareness campaigns.

5- The Egyptian Ministry of Environment launched the .... initiative to spread awareness of environmental issues.

(Information sources - social responsibility - rights - institutions - conditions - digital citizenship)

1 - one of the .... that you have as a digital citizen is protection from piracy.

2 - exhibit positive behavior in interactions with others is one of the most important .... As a digital citizen.

3- ....should always be. Accurate and easy to understand.

4- Be careful about the clarity of the information you share and its purpose considered.................

5- .... addressing environmental concern by providing support for important causes, which defines the social responsibility of institutions.



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lessons (1-4) Review – paper (3)

Complete the following sentences with suitable words from the brackets:

(up front[2] – Text Messages[4] – Emojis[5] – jokes[1] – Nicknames[3] – Ending)

1- You should avoid .... if you are communicating with your teacher or a responsible person.

2- To write a message formally, State your reason for sending the message ....

3- The use of .... appropriate only among close friends.

4- feelings are more difficult to convey through .... sometimes.

5- only use .... if the person you are communicating with uses them first.

(Search engine[3] – about[5] – wordpress[6] – Egyptian Knowledge Bank[1] – lists[4] – copyright[2] – excel)

1- The .... site is an example of reliable electronic library sites on the Internet.

2- Egyptian Knowledge Bank's material is subject to ....

3- The site's results are based on what you type in the................ field.

4- .... helps in finding information, and it also includes clear titles and information about the content.

5 -........... link may include short pieces of information providing an overview of the website..

6 – You can use programs such as. .... to create websites.

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

No.	Statement	Mark	Note
1	Debris Tracker application is used to track waste and record its data	✓	
2	Debris Tracker application uses the GPS system to accurately record the location of the waste	✓	
3	You can download the Debris Tracker app for an additional fee on your mobile phone.	✗	Free
4	Pig Kenner was collecting waste data on its own only	✗	with her students
5	You can use social platforms such as Twitter and Instagram to launch environmental awareness campaigns.	✓	
6	Go Green initiative aims to spread awareness of environmental issues.	✓	
7	Sharing and obtaining information online is one of the responsibilities that you are committed to as a digital citizen.	✗	rights
8	Ensuring secure online sharing is one of the responsibilities that you are committed to as a digital citizen.	✓	
9	Protection against piracy is one of your most important rights as a digital citizen.	✓	
10	Pig Kenner uses social media to disseminate information for the safe disposal of PPE.	✓	



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lessons (1-4) Review – paper (4)

No.	Statement	Answer	Correction
11	You must ensure that the sources of information you use are accurate and easy to understand.	✓	
12	The clarity and purpose of the information you share online does not matter.	✗	important
13	Paying attention to the websites you visit is a form of social responsibility.	✓	
14	Many organizations include tasks related to social responsibility in their business plans.	✓	
15	Institutions provide support to local communities all over the world, which is known as the social responsibility of institutions.	✓	
16	You can use jokes in your communication with your teachers.	✗	avoid
17	If you have not met the person you are writing to before. Do not introduce yourself.	✗	introduce yourself
18	When sending a message, State your reason for sending the message up front.	✓	
19	If you are communicating with a colleague you do not know well, you can use nicknames.	✗	full first name
20	The use of abbreviations and nicknames is appropriate only between close friends.	✓	
21	It is difficult to convey feelings and emotions through video chats.	✗	text messages
22	You should use positive words while communicating online.	✓	
23	Correct grammar and spelling rules must be used during the online dialogue	✓	
24	You can use emojis at any time through official communication.	✗	if he use it first
25	An example of negative communication on the Internet is the use of familiar and encouraging words	✗	positive
26	You can download files to a device through the Egyptian Knowledge Bank for free.	✓	
27	The content in the Egyptian Knowledge Bank may not be suitable for all ages.	✗	suitable
28	Egyptians pay additional fees for using the Egyptian Knowledge Bank.	✗	free
29	The Egyptian Knowledge Bank contains sources that are subject to copyright.	✓	
30	Search engines within the site provide results based on what you type in the field	✓	
31	Menus help you access other sections or web pages	✗	icons
32	Icons include clear titles and content information	✗	menus
33	The "About" link can be contacted by the founders of the website	✗	contact us
34	Programs such as PowerPoint are used to create websites	✗	wordPress
35	WordPress Program provides free website design tools	✓	
36	be sure to consider the photos and videos, and font size/type. You want your site to be user friendly and visually appealing.	✓	



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lessons (5-8) Review – paper (1)

Q1: The purpose of commercial websites is....

A	selling products	B	providing information	C	raising awareness

Q2: The purpose of non-commercial sites is ....

A	selling products	B	providing services	C	providing information

Q3: .... website is an example of commercial sites

A	Amazon	B	EKB	C	Library of Alexandria

Q4: .... website is an example of a non-commercial website

A	Amazon	B	EKB	C	Facebook

Q5: .... Helps customers in making a decision to buy a specific product or not.

A	reviews	B	advertisements	C	Prices

Q6: Commercial websites often include a section to............... through which customers express their opinions on the product.

A	Advertisements	B	reviews	C	Prices

Q7: beware of fake reviews or exaggerated positivity, as you usually write them ....

A	the companies themselves	B	the buyers themselves	C	the commercial sites themselves

Q8: Websites can place .... that are geared towards your interests, geographic location, age, and gender

A	Advertisements	B	reviews	C	Prices

Q9: Amira likes to watch funny videos about pets, and therefore ....ads appear to her

A	new watches	B	clothes and shoes	C	cat food

Q10: The .... feature in Microsoft Edge organizes the search in one place and on multiple devices

A	Collections	B	reading mode	C	family settings

Q11: In.............. You can also export each collection to other apps such as Excel and Word.

A	Google Chrome	B	Microsoft Edge	C	Internet Explorer

Q12: You can export each collection in Microsoft Edge to other applications such as ....

A	Excel	B	PowerPoint	C	Skype

Q13: To start a collection, select the collection on the .... bar in Microsoft Edge.

A	Menus	B	Tool	C	Favorite

Q14: You can use the .... program to check to check for spelling and grammar.

A	Microsoft excel	B	Microsoft PowerPoint	C	Microsoft Editor

Q15: Select the .... icon in Word's toolbar, or in the browser, to review possible grammar and spelling errors

A	Editor	B	Favorite	C	Dictate

Q16: The editor identifies problems such as ...., then submits a proposal to correct each error.

A	Capitalization	B	punctuation	C	Both of them

Q17: You can choose and drag .... to add content to your Collection in Microsoft Edge.

A	Images	B	Links	C	Both of them



Fifth grade primary – second semester
Information and communication technology
lessons (5-8) Review – paper (2)

Q18: .... helps you online to search for different media such as images and video.

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q19: To display a street while going on a school trip, you have to use ....

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q20: To find out information about a museum via the Internet, you can use ....

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q21: Sometimes ....search engines may lead you to unreliable pages, or even worse, to unsafe pages.

A	Specialized	B	General	C	ONLINE LIBRARIES

Q22: Online libraries such as the .... site contain safe and accurate information

A	Alexandria Library	B	EKB	C	Both of them

Q23: A friend of yours wants to search for dictionaries online, so you advised him to visit

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q24: Online maps, such as ...., can provide clear and accurate directions to the required places

A	Microsoft edge	B	Google maps	C	Google chrome

Q25: A friend of yours from abroad wants to see the Grand Egyptian Museum via the Internet, so you advised him to use ....

A	ONLINE LIBRARIES	B	ONLINE MAPS	C	ONLINE MUSEUMS

Q26: .... website is one of the specialized and useful search engines.

A	Google	B	Bing	C	Both of them

Q27: the information under each link in a set of search results for a topic.

A	Advertisements	B	meta information	C	reviews

Q28: .... allows you to read more about the site before clicking on its entry link in the search results

A	Advertisements	B	meta information	C	reviews

Q29: One of the digital tools for asynchronous communication is .... which does not require an immediate response

A	video chats	B	e-mail	C	live tv shows

Q30: One of the digital tools for synchronous communication is .... which is during real time between people.

A	e-mail	B	recorded videos	C	instant chat rooms

Q31: Synchronous communication is useful when .... and you need an immediate response

A	writing a lighthearted	B	writing formal	C	complicated matters

Q32: Asynchronous communication is useful when communicating with an.................. person and you do not need an immediate response from him

A	Un know	B	Authority	C	Both of them

Q33: When you send a message to a close friend, he needs time to respond, so you have to be ....

A	Polite	B	patient	C	clear



Fifth grade primary - second semester
Information and communication technology
lessons (5-8) Review - paper (3)

Complete the following sentences with suitable words from the brackets:

(Egyptian Knowledge Bank - Misleading - Amazon - Ads - Google - reviews)

1 - ....web site is an example of commercial sites, as it provides many services in the sale of products. (Amazon)

2- Commercial websites often include a section devoted to .... showing customers' opinions on products. (reviews)

3 - .... is an example of a non-commercial site for providing information. (Knowledge Bank)

4 - Some reviews may be .... Therefore, a comment that overly positivity or negativity should not be trusted. (misleading)

5 - Websites place ...., that are geared towards your interests, geographic location, age, and gender..(advertisements)

(Excel - Editor - Collections- PowerPoint - Suggestions - Refinements)

1- The .... feature in Microsoft Edge organizes the search in one place and on multiple devices. .(Collections)

2- You can export Collections in Microsoft Edge to other applications such as .... (Excel).

3- Additional tools are available in the Microsoft Editor called .... such as punctuation conventions and vocabulary. (Refinements)

4- to review spelling errors. Select the...... icon from the toolbar in the word program (editor).

5 - Microsoft Editor identifies errors and then make .... to correct each error. (Suggestions)

(Microsoft Edge - Bing - Online Libraries - Online Museums - Google Maps - Online Maps)

1- .... sometimes contains dictionaries, and encyclopedias. (online libraries)

2- If you need to view a street or a map of an area, you should use .... (Online Maps)

3- It allows you .... to watch the Monuments on your digital device. (online museums)

4- .... is one of the most famous specialized search engines online. (Bing)

5 -....... application provides clear and accurate directions to the required places. (Goo maps)

(Asynchronous - Email - Instant Chat Room - Synchronous - Clear - Complex)

1-.............communication is useful in case you need a quick or direct response. (Synchronous)

2 -................... communication is useful in the case of communication with a responsible person or a person you do not know (asynchronous)

3 - One the Synchronous communication tools is .... where everyone interacts and receives information in real-time. (instant chat room)

4 - One of the asynchronous communication tools is........... to communicate formally with your teachers.(E-mail)

5 - Always make sure that your message is .... and read it back to yourself before sending it (clear)



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Information and communication technology
lessons (5-8) Review – paper (4)

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

1	The Alexandria Digital Library website is a commercial website.	False
2	Amazon is a commercial site.	True
3	Reviews help in making a decision to buy a particular product or not.	True
4	You should beware of fake Reviews, as the company usually writes them themselves.	True
5	Reviews may be useful when they are exaggerated, positive or negative.	False
6	Overlay Reviews towards products are usually not a good indicator of product value.	True
7	Information about a product can only be obtained through reviews.	False
8	Websites place(ads) advertisement based on what you visit and follow online	True
9	web sites often place ads that do not geared towards your interests.	False
10	"If I could, I'd give this product a zero! It's so bad!" This comment is overly negative.	True
11	The Collections feature in Google Chrome organizes searches in one place.	False
12	You can add entire web pages, images, or text to your collection in Microsoft Edge.	True
13	Collections in Microsoft Edge can be exported to other applications such as PowerPoint.	False
14	To create a Collection, we select Collection and click "start a new Collection", then write its title in the box.	True
15	You can use Microsoft Editor to check grammar and spelling.	True
16	Microsoft Editor make suggestions for correcting each error in the written text, and you must implement them.	False
17	Microsoft Editor provides other tools (Refinements) such as punctuation conventions.	True
18	To review possible grammar errors, choose the editor icon from the menu bar in Word.	False
19	the Library of Alexandria and the Egyptian Knowledge Bank sites include safe and accurate information.	True
20	Digital maps such as Google chrome can provide clear directions to the required places.	False
21	You can use online libraries to view museums digitally.	False
22	You must use appropriate keywords in your search otherwise some results may not be relevant.	True
23	Specialized search engines may lead you to unsafe or unreliable pages.	False
24	It is possible to determine whether the site is reliable or not through the data that shows the site's copyright.	True
25	Websites include descriptive information such as meta information	true
26	meta information in search results allows you to read more about a site before visiting it.	true
27	Synchronous communication is useful if it is about a complicated matters or someone you do not know well.	false
28	Asynchronous communication is useful when you do not need an immediate response.	true
29	Voice and text messages, and recorded video are synchronous communication tools.	false
30	Video chats and live TV shows are synchronous communication tools	True
31	If a friend of yours needs your help communicating online, share what you know	true
32	Always make sure your message is clear. And read it back to yourself before sending it so you don't get misunderstood.	True



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Information and communication technology

lessons (1-4) THEME (4) Review - paper (1)

The third lesson is enriching for information only

Q1: Dr. Ponce de Leon hold a Ph.D. in ....

A	Energy and resources	B	Civil engineering	C	Industrial chemistry

Q2: Ponce de Leon develops systems for data related to …………….

A	animal welfare	B	renewable energy	C	computer science

Q3: The world has witnessed great progress in the transition to electricity generation through renewable energy such as ....

A	wind power	B	solar power	C	Both of them

Q4: The world has become less dependent on fossil fuels extracted from ……………

A	Oil	B	Natural gas	C	Both of them

Q5: It is possible to increase the efficiency of electrical appliances by connecting them to .... to control their temperature.

A	Thermostat	B	Sensors	C	Bluetooth

Q6: .... is used to send information about appliances temperatures to the computer connected to it

A	Thermostat	B	Sensors	C	Bluetooth

Q 7: .... is used to measure the temperature in air conditioners and refrigerators, to monitor and control it.

A	Thermostat	B	Sensors	C	Bluetooth

Q8: .... is used to monitor the amount of energy consumed by refrigerators and air conditioners throughout the day.

A	Thermostat	B	Sensors	C	Bluetooth

Q9: The amount of energy used by refrigerators in the summer .... from the amount used in the winter.

A	is greater than	B	is less than	C	is equal to

Q10: The electricity grid can be balanced by.............. Thus, we will save on electricity

A	Transmission from one place to another	B	Storing and distributing it equally	C	Both of them

Q11: Egypt has a data and information management system with the aim of ………………………… to ensure the achievement of food security.

A	Increasing the agricultural land	B	Controlling floods	C	Reducing population increase

Q12: Egypt has a data and information management system with the aim of increasing the agricultural area to ensure ………………security

A	Water	B	Food	C	cyber

Q13: The data and information management system in Egypt helps engineers make decisions to develop…………………………….. systems

A	Education	B	Transportation	C	Irrigation

Q14: If you are not using the official software stores, be sure to download software from

A	reliable sources	B	unreliable sources	C	free sources



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Information and communication technology
lessons (1-4) THEME (4) Review - paper (2)
The third lesson is enriching for information only

Q15: To install the software on the computer, click on the download button from the Internet. You will find the file in the …………..... folder.

A	Pictures	B	Downloads	C	Documents

Q16: To download an application on your phone, you must first press the ………………… icon on your mobile phone.

A	Apps	B	Settings	C	messaging

Q17: To download an application on your mobile phone, you must go to the application store, such as……….........

A	Google Maps	B	Google drive	C	Google play stores

Q18: You can help the program to work efficiently by.......................

A	Delete it	B	Update it	C	Restart it

Q19: Updates are installed……………….. in most programs from the internet

A	Automatically	B	Manually	C	By search

Q20: Some large updates on computers may require..…………

A	Delete updates	B	Shut down computer	C	Restart computer

Q21: To manage updates on your computer, choose .... from Settings

A	Troubleshooting	B	Update and Security	C	Windows Firewall

Q22: To open the task manager on the computer, press and hold the…… buttons together

A	Ctrl+shift+Del	B	Ctrl+Alt+Del	C	Enter+Alt+Del

Q23: You can Use the task manager to close any program classified as ……… in case the screen freeze.

A	Responding	B	not responding	C	working regularly

Q24: If your attempts to restore your computer did not succeed, you should press for a few seconds on ……………, then restart.

A	power button	B	Mouse	C	keyboard

Q25: To solve the screen freeze problem on Android devices. Press the power button for .... seconds.

A	20	B	30	C	40

Q26: Computers use the …………… system to store data more efficiently.

A	Binary	B	Octal	C	decimal

Q27: The binary system uses the two values............... to express the numbers in it.

A	(1,10)	B	(1,1)	C	(1,0)

Q28: Computers understand data (numbers) through ………………………… signals.

A	Sound	B	Light	C	electric

Q29: In the electrical signals used by the computer to understand the data, the number ……………………… means turning on.

A	0	B	1	C	2

Q30: In the electrical signals used by the computer to understand the data, the number …………… means off.

A	0	B	1	C	2



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Information and communication technology
lessons (1-4) THEME (4) Review - paper (3)

The third lesson is enriching for information only

Q31: Users from around the world can edit the same document if an internet connection is available via

A	Office 365	B	Skype	C	WhatsApp

Q32: Users from around the world can edit the same document if the .... feature is activated.

A	Online search	B	Online editing	C	Online publishing

Q33: Users from around the world can edit the same document through Office 365 if ………………………. is available

A	internet connection	B	keyboard	C	printer

Q34: Through ……………, you can create and save images to be included in the document.

A	Word	B	Excel	C	Paint

Q35: Before starting your project, you should ………………… based on the strengths and interests of each individual in the group.

A	Defining needs	B	Assigning roles	C	Defining tools

Q36: .... can be used to send your work to others within the project working group

A	E-mail	B	instant messaging	C	video chats

****



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Information and communication technology
lessons (1-4) THEME (4) Review - paper (4)
The third lesson is enriching for information only

Complete the following sentences with suitable words from the brackets:
(sensors - save electricity - food security - thermostat - water security - solar power)

1 - Many countries have Transition away from power generated by fossil fuels Instead, ………………… are being used. (solar power)

2 - The temperature in air conditioners can be measured by ………… to control the temperature. (thermostat)

3 - We can monitor the amount of energy used by refrigerators and air conditioners by .... throughout the day.(sensors)

4- Electricity can be stored and moved from one place to another to .... (save electricity)

5- Egypt has a data management system to increase the agricultural land to ensure........................ (food security).

Complete the following sentences with suitable words from the brackets:
(Google Play Store - Automatically - Update and Security - Downloads - Update)

1 - After downloading the program from the Internet, open the ……… folder to find the file to install. (downloads)

2 - Installing updates in Android You need to go to .... for the application whose updates you want to install. (Google Play Store)

3 - Software should be ……………… regularly to help it work more efficiently. (update)

4 - In most programs, updates are .... installed.(Automatically)

5 – To manage Updates in Computer Select …………… from Settings. Then choose System Update. (Update and Security)

Complete the following sentences with suitable words from the brackets:
(Internet connection- Image - Weakness -MS Paint - Strength - Email)

1- ………….. program is used to modify and save images and graphics. (ms paint)

2-............... one of the digital tools that are used to send a document (e-mail).

3 - a Word document can be edited by numerous users, at different locations with…………… (Internet connection)

4 - You can attach a document or .... to your e-mail message. (image)

5 - The roles in the project are assigned based on............... . for everybody . (Strength)



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Information and communication technology
lessons (1-4) THEME (4) Review - paper (5)
The third lesson is enriching for information only

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

1	Thermostats must be dispensed with to increase the efficiency of electrical appliances	false
2	Using technology to collect data is crucial in planning for the future	True
3	Fossil fuels are extracted from coal, natural gas and oil	True
4	Egypt has a data management system for increasing the agricultural land and ensuring food security	True
5	The use of energy data management systems leads to wastage of electricity	false
6	The world has recently turned to generate electricity from solar and wind energy	True
7	Sensors can be used to monitor the amount of energy used by appliances	True
8	The amount of energy used by a village does not change throughout the day	False
9	The energy used by air conditioners in the summer is greater than in the winter	True
10	moving and storing the electricity from one place to another so that the amounts are more equal evenly leads to waste of electrical energy	False
11	Egypt's data system data helps engineers develop irrigation systems	True
12	Most of the programs can be downloaded through the Internet	True
13	Always make sure to download applications from official stores or trusted sites	True
14	To find the software you downloaded, open the Documents folder on your computer	False
15	Google Play stores is one of the most popular official app stores	True
16	To install an application on an Android device, search for it in the App Store and press the Update button	False
17	Software should be updated regularly to help it run more efficiently	True
18	Most software updates are installed manually	False
19	To check for updates on your Android device, go to System, then System update	True
20	You must follow the instructions to install updates in Android devices correctly	True
21	To solve the of the screen freeze problem in computer, press and hold Ctrl+Alt+Shift	False
22	When the screen freeze on mobile device, press the power button for 30 seconds, restart	True
23	Computers use the octal system to store data more efficiently	False
24	Binary numbers can be considered a language that computers understand	True
25	The binary system uses two values (1,0) to express the numbers in it	True
26	The computer understands binary electrical signals, so (1) means off and (0) means on	False
27	MS word allows group members to work together at the same time	True
28	Drawings can be added to a Word document	True
29	It is preferable that roles in projects be assigned randomly	False
30	You can use email to send your project to your teacher	True
31	Roles are assigned in the project based on the features and strengths of each individual	True
32	Paint program is used to edit and save images	True
33	setting up the online editing feature allows multiple users to edit the same document	True
34	Internet is not required to allow modification to a file through the online modification feature	False



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lessons (5-8) THEME (4) Review – paper (1)

Q1: Which of the following formulas is a correct formula for adding numbers in two cells in Excel?

A	=B2+C1	B	B2+C1	C	=B2/C1

Q2: To add a group of numbers automatically, we select the cells and then choose .... from the Home tab

A	Clear	B	Autosum	C	Fill

Q3: To add a title to a graph or chart from the toolbar – Chart Design and choose ....

A	Quick layout	B	Format	C	Add a chart element

Q4: To choose a color for the graph or a chart from the chart design toolbar and choose

A	Quick layout	B	Format	C	Add a chart element

Q5: To choose the type of graph or chart from the chart design toolbar, choose ....

A	Change chart type	B	Add a chart element	C	Quick layout

Q6: To choose the layout of the graph or chart from the chart design toolbar and choose

A	Change chart type	B	Add a chart element	C	Quick layout

Q7: You can control the different characteristics of the graph or chart through ....

A	menu bar	B	toolbar	C	formula bar

Q8: When researching a topic, you must first ....

A	Collect information	B	Use the internet	C	define a research question

Q9: From the sources that do not need an Internet connection to search for information ..

A	Egyptian Knowledge Bank	B	Electronic books on your device	C	Alexandria Electronic Library

Q10: You can use .... to collect information (for numeric data) in a useful way.

A	Word	B	PowerPoint	C	Excel

Q11: While collecting information, you have to put the data in different files and folders according to their ....

A	Types	B	Sizes	C	reliability

Q12: In Excel, ... is an example for classifying and displaying drawn data.

A	Formulas	B	Graphs	C	Tables

Q13: You can use............. to prepare a report and share it with others.

A	Word	B	Excel	C	Power point

Q14: You can use .... to prepare spreadsheets and share them with others.

A	Word	B	Excel	C	Power point

Q15: You can use .... to prepare a presentation and share it with others.

A	Word	B	Excel	C	Power point

Q16: In word program, you can use .... to display important information in an appealing way.

A	Images	B	text	C	tables

Q17: In word ,You can put important text in .... to make key information stand out.

A	bold	B	italic	C	ornate

Q18: In word ,You can insert .... to make text have even more impact.

A	Smart art	B	Shapes	C	Word art

Q19:.................. gives you the option to use different colors for the background.

A	Power point	B	word	C	Excel

Q20: .... Can reflect the topic of your message can catch the viewer's eye.

A	photographs	B	figures	C	graphs



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Information and communication technology
lessons (5-8) THEME (4) Review - paper (2)

Q21: .... is a good way to share data, especially numbers.

A	graphs	B	charts	C	Both of them

Q22: we add .... to enhance the text, provided that it is related to the displayed data and is not distracting.

A	graphics	B	audio	C	video clips

Q23: we use .... in the presentation to improve the presentation.

A	audio	B	video clips	C	Both of them

Q24: we use .... to make a film from a selection of still images.

A	PowerPoint	B	Movie Maker	C	Word

Q25: You must respect............ when using image files and video clips in the presentation.

A	Intellectual property	B	Quality	C	Diversity of sources

Q26: .... is a chart that shows a sequence of content that forms a plan or outline of your presentation.

A	slide	B	storyboard	C	slide sorter

Q27: we use............... to make storyboards can be valuable to help producing an effective presentation.

A	Excel	B	Word	C	PowerPoint

Q28: .... allow you to plan your ideas and pre-visualize the results of a presentation.

A	slide master	B	slide sorter	C	storyboards

Q29: You can get an overview of your presentation by going to view and choose........

A	slide sorter	B	notes page	C	reading display

Q30: .... allows you to tell the story you want in a simple way and to provide an organized and understandable presentation.

A	storyboard	B	slide master	C	notes page

Q31: To apply the rule (10-20-30) in a presentation, the duration of the presentation should no longer than............. minutes.

A	10	B	20	C	30

Q32: To apply the rule (10-20-30) the presentation, should up to .... slides only

A	10	B	20	C	30

Q33: To apply the rule (10-20-30) in the presentation, the font size should not be smaller than ....

A	10	B	20	C	30

Q34: You can use the .... tab, which offers alternative options to the normal black and white design

A	Design	B	Presentation	C	Transitions

Q35: ....is the language that will be displayed on the Internet browser , also called the hypertext markup language.

A	Php	B	HTML	C	java

Q36: Files can be saved as a web page in the word program by choosing .... while saving

A	Word document	B	PDF	C	Web page

Q37:.........written in a larger font that catches your audience's attention. on the web page

A	Heading	B	Subheadings	C	Text



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Information and communication technology
lessons (5-8) THEME (4) Review - paper (3)

Complete the following sentences with suitable words from the brackets:

(Research question - Autosum - word - quick layout - Excel - change chart type)

1 - To add numbers automatically in Excel, select the required cells and choose .... (auto).

2 - To Choose the layout of a graph/chart: Toolbar Chart Design .... (quick layouts)

3 - When researching a topic, first define a .... (research question)

4 - You can use .... to for numeric. Collecting(Excel)

5 - You can use .... to prepare a report and share it with others. (word)

Complete the following sentences with suitable words from the brackets:

(PowerPoint - movie maker - digital citizenship - word art - intellectual property - Graphs)

1 - You can insert .... in word program to make text have even more impact.. (word art)

2 - In................, you can use different colors for the background. (PowerPoint)

3- ....is a good way to share data, especially numbers. (Graphs)

4- You can use.................. to make a film from a selection of still images (movie maker).

5 - You must respect the............... when using photo and video files (intellectual property)

Complete the following sentences with suitable words from the brackets:

(10 - 20 - 30 - slide sorter - storyboard - charts)

1- .... allows you to plan your ideas and visualize the results of work in advance. (storyboard)

2 - To get an overview of your presentation, choose .... from the Presentation tab (Slide Sorter)

3- The duration of the presentation should no longer than .... minutes. (20)

4 - It is preferable that the font size in the presentation not be smaller than .... (30)

5 - It is preferable that the presentation up to .... slides only (10).

Complete the following sentences with suitable words from the brackets:

(heading - Text - Subheadings- HTML - Web Layout - WEB PAGE)

1 - .... is the hypertext markup language, and it is the language that will be displayed on the Internet browser. (HTML)

2 - You can save the file as a web page by choosing .... while saving. (WEB PAGE)

3- Your story should have a web page ....that catches your audience's attention with a large font (heading)

4 -.................. breakup information and allow your audience to see what a particular section of your story is about. (Subheadings)

5- The font size of the .... that presents the story must be appropriate, clear and smaller than the subheadings (text).



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lessons (5-8) THEME (4) Review - paper (4)

Put the word (true) in front of the correct statement and the word (false) in front of the incorrect statement in the following:

1	To automatically add up numbers in cells, select them and then choose autosum.	True
2	You can choose a color for the chart from the toolbar - Chart Design - Format	True
3	You can choose a chart type from the toolbar – Chart Design – Quick layout.	False
4	You can choose a chart layout from the toolbar - Chart Design - Change Chart Type.	False
5	When researching a topic, first determine the sources that you will use in your research.	False
6	During the research process, you can use sources that do not need an Internet connection, such as e-books in the school library	True
7	You can use word program to collect numeric data.	False
8	While collecting information, make sure to put the data in files and folders according to their different types.	True
9	graphs are one example of how you can classify and provide a visual representation of data drawn in the form of a graph.	True
10	After researching, collecting and classifying information, your goal becomes to process it in order to reach and share results.	True
11	You can use PowerPoint to prepare and share a written report.	False
12	You can use Excel to create a spreadsheet.	True
13	You can use text in italic to make key information stand out in Word.	False
14	You can insert word art to increase the effect of text in word program.	True
15	In PowerPoint, you do not have the option to use different background colors.	False
16	In a presentation, photographs that reflect your topic can catch the audience's attention.	True
17	Graphs and charts are a good way to share data, especially numbers.	True
18	You can add audio to enhance the text and its link to the displayed data does not matter.	False
19	Make sure that the audio is very long to enhance the text in your presentations.	False
20	You can use the video available on the Internet in the presentation.	True
21	You can use movie maker to make a film from a selection of still images.	True
22	You can use movie maker to make a film from a selection of animated images.	False
23	Intellectual property rights must be respected when using photo files and video clips.	True
24	Using excel can be useful for preparing story boards effectively.	False
25	storyboard helps you organize your ideas in a sequence and tell the story in a simple way.	True
26	Storyboard allow you to plan your ideas and visualize the results of your presentation	True
27	You can get an overview of your presentation through the storyboard.	false
28	A presentation doesn't have to provide a huge amount of information or take a lot of time.	True
29	It is recommended that the number of slides in the presentation not more than (20) slides.	False
30	The duration of the presentation should no longer than 20 minutes	True
31	The font size used in the presentation should not be smaller than (10).	False
32	You can use word to create your web page.	True
33	You can save the word file as a web page by choosing Web page while saving.	True
34	The language displayed on the internet browser is called html and is known as hypertext markup language.	True
35	Headings break up the information on a web page and let the audience know about the topic.	False
36	The text size of the webpage should be appropriate and smaller than the subheadings	True
37	Decorative fonts are recommended to keep your message easy to read on the web page	false
38	You can include images to reflect the message or provide information to the content of the web page	True